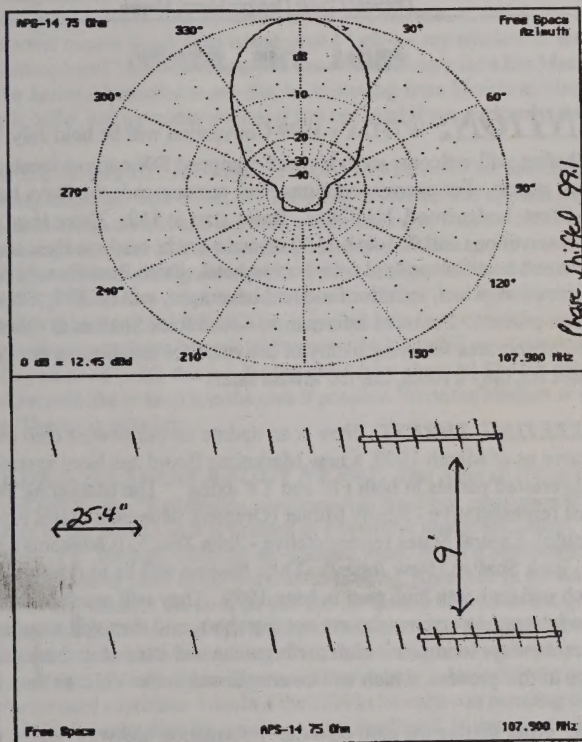


Vhf-Uhf DIGEST

The Official Publication of the Worldwide TV-FM DX Association

APRIL 1999



STAGGER STACKING
YOUR ANTENNAS!

WORLDWIDE TV-FM DX ASSOCIATION

Serving the VHF-UHF Enthusiast

THE VHF-UHF DIGEST IS THE OFFICIAL PUBLICATION OF THE WORLDWIDE TV-FM DX ASSOCIATION, DEDICATED TO THE OBSERVATION AND STUDY OF THE PROPAGATION OF LONG DISTANCE TELEVISION AND FM BROADCASTING SIGNALS AT VHF AND UHF. WTFDA IS GOVERNED BY A BOARD OF DIRECTORS: TOM BRYANT, GREG CONIGLIO, BRUCE HALL, DAVE JANOWIAK, AND BILL THOMPSON.

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FROM THE STAFF:

CONVENTION: WTFDA's 1999 Convention will be held July 16-18 in NW Jersey. Rick Shaftan will welcome us to his well equipped DX outpost located less than an hour from the Newark airport. For accommodations Rick recommends the Days Inn/Ledgewood, 1691 Route 46 West, Ledgewood, NJ 07852. Rates start at \$69. *There is no special club discount.* For reservations call 973-448-1100 or use a credit card via their secure web site... <<http://www.travelweb.com/booker/AppLogic+booker.hotel.search.BasicResultsWindow?iid=TWB>>. Convention registration, which includes food and beverages, will be \$25. Stay tuned for details on the registration process. For more information e-mail Rick Shaftan at <shaftan@ptd.net>. This is a summer resort area featuring plenty of activities for families, so get your reservations in early to guarantee not only a room, but the lowest rate.

WTFDA MARKETING THRUST: Here is an update on our newest club effort from Jim Thomas. Effective as of March 1999, a new Marketing Board has been assembled to focus on ways to reach interested parties in both FM and TV dxing. The Marketing Board is comprised of: Pacific Coast representative - Randy Miltier (Oregon); Mountain States representative - Jim Thomas (Colorado); Central States representative - John Zondlo (Oklahoma); and East Coast representative - Rick Shaftan (New Jersey). Their mission will be to develop a solid marketing campaign, which will kick into high gear in May 1999. They will assist Mike Bugaj in following-up on interested persons who are not members, and they will monitor feedback from current members on ways to improve club performance and interest in the hobby at-large. There are several steps in this process, which will be announced in the VUD as they are unveiled.

WEBMASTER: After getting the club onto the 'information highway' and maintaining our presence on the web for several years, David Austin has notified us that he doesn't have adequate time to devote to the WTFDA site; and would be pleased to turn the duty over to a member who can give it more attention. If you have web expertise and would be interested in working with other club members to update and improve our web presence, please contact any board member.

DEATH: Long-time DXer Frank Wheeler of Erie, PA passed away on January 23. While his primary interest was AM, he also relished low band Es activity and was a WTFDA member for a number of years. We sincerely regret the loss of another fellow-hobbyist and veteran dxer; and extend our sympathy to Frank's family and friends.



WTFDA MAILBOX

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Ikon@netcom.com

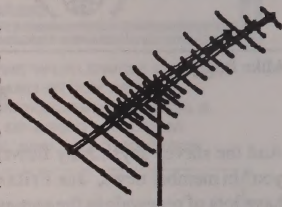
APRIL SHOWERS BRING...?

And the survey says...May flowers. But I'd rather have it bring some tropo and E-skip instead. Wouldn't you? In member news, **Joe Fritz** of Scarborough, ON rejoined for another year. Welcome back home. We have lots of renewals in the names of **Dan Cashin**, **Joe Perge**, **Paul Hansen**, **Jim Nahirniak**, **Russ Miller**, **Ed Phelps**, **Dan Dankert**, **Gary Olsen**, **Brian Farnsworth**, **Albert Gordon**, **Ed Norris**, **Steven Cornell**, **Ken Onyschuk**, **Paul Mitschler**, **William Higgs**, **Frank Merrill**, **Nat Ely**, and **David Legler**. **Frank Merrill** mentions that due to time restraints this year, he will probably not make the convention. We also note the passing of long time Dxer **Frank Wheeler**, of Erie, PA. Our condolences to his friends and family. **Dan Dankert** had the awful nerve to send a postcard along with his renewal that shows him standing along side a palm tree on some remote South Seas island. And I look out my window at the thermometer and wonder "what am I doing here?" **Jeff Kadet** returned from Nepal hungry for a Big Mac. More about Jeff's trip a bit later. **Mike Jeziorski** emailed to say that he is moving from Florida to Mexico, just where he didn't say. Good luck, Mike, and try to stay with us if you can. And if you get lonely, there's always email.

IS THERE A WEBMASTER IN THE HOUSE? And we're not talking here about one who specializes in the study of ducks' feet either. We are going to revamp and upgrade the WTFDA site. As you know, **Dave Austin** set up the site and has been administering it, but now finds that he doesn't have the time to keep it running and updated. Dave is willing to hand over the reigns to anyone who can continue on with it. The club has received some great input as to what changes we should do to our web page, like a section devoted to DX photos, more color, tech articles and an "alert" area where you could go to get late-breaking news and info (like news that the VUD is going out late, for example). If you have ideas about how to improve the web page and you haven't told anyone, do it now! If you have done some web pages yourself and feel like you could tackle this job, let the club know about it! The job could go to an outside source, but the BofD would like to keep it in the club if possible. Write the Mailbox or email me and I will pass the info along. Thanks in advance.

ALL YOU NEEDED TO KNOW ABOUT NEPAL. This is not all DX related, but interesting anyway. This is from **Jeff Kadet**: "Kathmandu, also known as Kantipur, population 800,000 is one of the most interesting cities in the world and it is situated in a beautiful lush green valley. Unfortunately, the breathable atmosphere is a stinking, choking, air-polluted mess. A good percentage of the population covers their faces with masks or cloth in the worst affected areas. An article in the *Kathmandu Post* says beggars are leaving the city because the air is so bad and the quality of tourism has gone down. It is not the number of internal combustion vehicles that is the problem, but rather the black exhaust from the buses, taxis and 3 wheeled auto-rickshaws (are we talking about an inversion here? -mike) My advice: see the sites around Kathmandu and then get outta there. The rest of the country is beautiful. Frequent power outages make for ideal low noise band conditions. I doubt if the 220v in Sauraha was pumping out even half of that. I saw more livestock in 3 weeks than all previous years combined. If you want a cheeseburger or a milkshake you get water buffalo. I saw no ham antennas." Jeff noted FM stations on 96.1 (Kantipur FM in stereo), 97.9 ("Kath"), 100.1, 102.5 and 106.7 from Sauraha, and no other FM elsewhere in the country. As far as TV, Jeff says: "their bug is "NTV" at the bottom of a pagoda. Upper left of screen. Mostly boring discussion programs and news with some bad lighting. There are Nepali music videos. MTV Asia now has two pathetic imitators: *Music Asia* and *MCM*. Other cable channels not seen before: PTV World, Pakistan cable channel w/some English and many commercials, HOME TV cable channel from India, INDIA TV, ZEE CINEMA (both India -mike) and TSN SHOPPING NETWORK (India), same logo as our HSN. Zero offset on PAL looks the same as on NTSC. The reds look better to me in PAL. Is this in my imagination, or is there a reason for this?". (Yes, Jeff, there is a reason for that. There is a reason for everything. The truth is out there. Thanks for the interesting report, Jeff, and where are you going next year? -Mike)

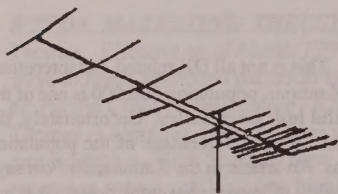
WHAT YOU NEED IS A GOOD.... antenna, or a pre-amp, or whatever. Rich Wertman checks in to let everyone know that he still has available antennas from Channel Master, Winegard, Antennacraft, Blonder-Tongue and Delhi, as well as hardware such as coax cables, connectors, amplifiers and a load of satellite equipment and parts, new and used. Rich says "Anyone looking for anything, including hard to find parts, do the following: drop me a note at Rich Wertman, 6150 Crosby Road, Lockport, NY 14094, or call (716) 434-5086, or email me at rwantenna@aol.com. As always, Rich offers all products at close to dealers' cost. (And, if you act now, you get a free Beanie Baby with every purchase and a Vermont Teddy Bear dressed up as an antenna installer, heh - Mike).



MORE DIGITAL TV INFO. Info from Doug Smith that relates to Dxers. "Only those stations which held a license or construction permit on April 3, 1997 will receive a second channel for DTV. Stations whose application was granted later (even if their application was filed before April 3) will not receive a second channel. They will, however, have the choice of using the channel they were granted for either DTV or NTSC. And, if they choose to start with NTSC, they may choose to switch to DTV on that channel at any point during the transition period. This means quite a few new stations (KBEJ-2 TX and Salt Lake City-16) will not receive separate DTV allocations. Since they only have 3 years to build, I'm sure most of these stations will begin with a NTSC operation; how they'll handle the DTV conversion I don't know. If it was my station, I think I'd be looking to buy some LPTVs to supply a second channel.

In another ruling, where a station is granted a NTSC power increase after April 3, 1997, they will NOT receive an automatic DTV increase to replicate their new NTSC coverage. They may request a DTV increase in a separate application, and if it can be granted without causing interference, it will be granted. Also, applications to modify NTSC stations will only be granted if there would be no interference to either NTSC or DTV stations."

APS-13 RAVE REVIEW. A post showed up on the qth.email list by Neil Kazaross regarding the APS-13 antennas. Here is some of it: "I do want to stress that the APS-13 antenna is awesome and beats anything else for FM DX, due to more gain, narrower beam, good side nulls and great front to back ratio.



Several guys who post here use APS-14s, but the new 13 has even better side nulls. The APS-14 was clearly superior to my constructed Antennacraft FM13s. The new APS antennas are about 200 inches long and professionally designed with state of the art Yagi programs. Clearly, an antenna more than 1.5 times as long as commercially available antennas designed 20 years ago will have more gain. This is NOT an ad for APS products. I have no financial interest in APS. While their antennas aren't cheap, it is important to realize that a larger antenna contains much more material than a small 120 incher.

My FM set-up here will soon be a triangular stack of APS-13s with a 4.5db more gain and half the beamwidth of a single one. Assuming it can stay up and work as calculated, I will add a second stack for phasing." Also mentioned on the post was a note that said that Toko 110 khz filters are now down to 90 cents each from Digi-Key (1-800-DIGI-KEY). And Neil, we need to have a photo of that monster when you get it finished.

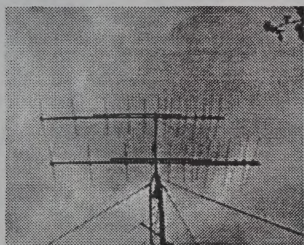
LAST, BUT NOT LEAST... We have to mention here that in an email from Bruce Elving, he mentioned that FM Atlas #18 would be going to the printer early in March. For those of you using old, ratty, dog-eared Atlas #17 or #16, you will be glad to know that there's a new FM Atlas coming out soon. Even if you use a computer to assist your hobby, you need to have one of these book laying right next to your tuner. You can always email Bruce for more information at FMAAtlas@Aol.com. And watch the VUD for more information about when you can purchase your very own FM Atlas.

Have a good month everybody, and *don't forget to write!!* -Mike

STAGGER STACK 'EM

what Rick Shafton did to his APS-14s

My antennas are stagger stacked, as a matter of fact, so that the top antenna is physically 25.4 inches in front of the bottom one so that the signal comes to the top one a quarter wavelength quicker than it hits the bottom one. Then the cable is also longer, which I believe delays it another quarter wavelength. Being half a wavelength out of phase should, I would think, double the signal strength in one direction and cancel it in the other.

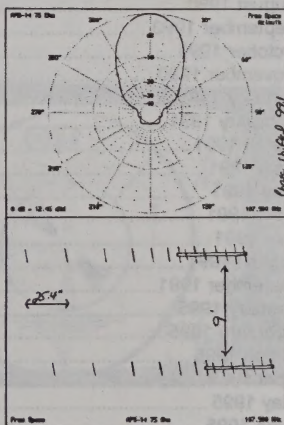


In practice, the gain off the front end seemed down about 2dbs in gain off the regular vertical stack, but the drop off the sides more than compensates for it. With a f/b ratio of 28db versus 20db on the vertical stack, the pattern has a null of at least 25db except in the main lobe which is 108 degrees. In other words, there is a null of at least 25db (up to as high as 40db) anywhere outside of 54 degrees off the main beam.

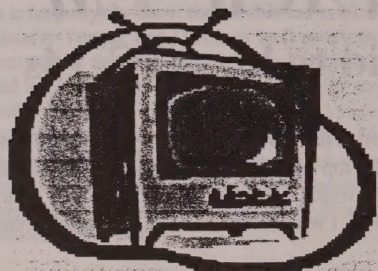
That vertical stack has the same numbers for a 20db loss, although besides the big back lobe are ones about 120/240 degrees off beam attenuated about 13db more with the stagger stack. The 3db beamwidth for the vertical stack of APS-14s here is about 36 degrees, an incredible amount sacrificed only slightly to about 54 degrees with the stagger stack in exchange for eliminating side lobes. Compared to the two vertically stacked Antennacraft FM-13s that used to be the main DX antennas and are now used for phasing, the stagger stacked 14s had an additional gain of 10db and 12db more gain on the vertical stack.

The difference in the two antennas is price. The FM-13s can be had for around \$50 each while the APS-14s ran \$225. Consider that two 13s plus stacking bar and Radio Shack rotor could be put up on a roof for under \$200 while the APS-14s require a stronger base, preferably a tower, a bigger rotor and probably a professional to do the dirty work, particularly if you're stagger stacking. You could EASILY do \$1000 for the system, or more.

For example, raising 30 feet of tilt-over tower looks much easier until you actually do it. We needed a block and tackle which was strung up 30 feet high in a tree. The guy rope is 3/4 inches thick. Raising and lowering this thing is a nightmare and takes about six hours from start to finish. Let me say one thing. Even a simple installation is done better by a professional with the right tools and it's always worth whatever you pay for it. Most of these guys are older dudes being put out to pasture by cable TV, are happy to do the work, give you a great price and do a fantastic job...much better than the crappy installations I used to attempt on my own with no ladders, etc.



The drawing on the right shows a pattern for a 7 foot stagger stack, as designed for Rick by Ed Hanlon, WTFDA member and owner of Antenna Performance Specialists. The photo on the top is an actual photo of Rick's stagger stacked APS-14s.



vhf-uhf Digest back issues

The following back issues are still available.

MONTH and YEAR ON HAND

December 1989.....	2
January 1990.....	1
February 1990.....	1
March 1990.....	1
April 1990.....	1
May 1990.....	2
June 1990.....	2
July 1990.....	3
August 1990.....	4
September 1990.....	3
October 1990.....	4
November 1990.....	2
January 1991.....	3
February 1991.....	4
March 1991.....	4
April 1991.....	3
May 1991.....	3
June 1991.....	4
July 1991.....	4
August 1991.....	3
December 1991.....	4
January 1995.....	6
February 1995.....	9
March 1995.....	7
April 1995.....	10
May 1995.....	9
June 1995.....	10
July 1995.....	10
August 1995.....	2
September 1995.....	10
October 1995.....	10
November 1995.....	5
December 1995.....	10
January 1996.....	10

February 1996.....	3
March 1996.....	10
April 1996.....	10
May 1996.....	10
June 1996.....	9
July 1996.....	10
August 1996.....	10
September 1996.....	10
October 1996.....	10
November 1996.....	10
December 1996.....	10
January 1997.....	9
February 1997.....	10
March 1997.....	10
April 1997.....	10
May 1997.....	10
June 1997.....	10
July 1997.....	10
August 1997.....	10
September 1997.....	10
October 1997.....	10
November 1997.....	10
December 1997.....	10
January 1998.....	56
February 1998.....	36
March 1998.....	53
April 1998.....	60
May 1998.....	28
June 1998.....	68
July 1998.....	77
August 1998.....	59
September 1998.....	70
November 1998.....	84
December 1998.....	84
January 1999.....	60
February 1999.....	61

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AKRON NEW YORK 14001-9408 U.S.A.

PHOTO-NEWS

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5024 S. Braxton Ave.
Baton Rouge, LA 70817
JTKruszka@worldnet.att.net

April 1999

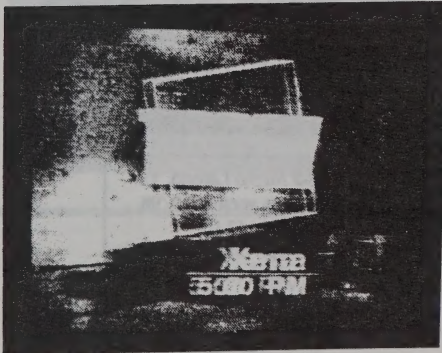
Here's some E-skip photos from Jeff Kadet, Macomb, IL:



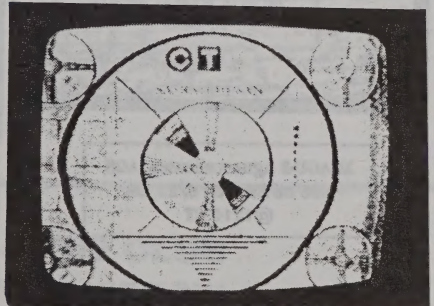
WRGB-6 Schenectady, NY
875 mi Es seen 6/1/98
@ 1725 CDT
"70th anniversary"



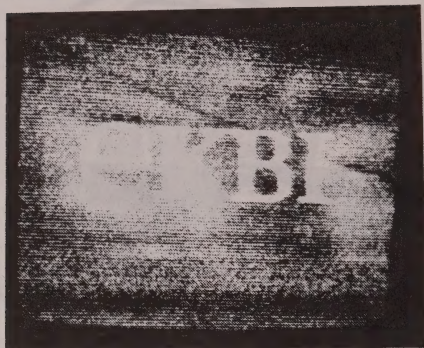
KUTV-2 Salt Lake City, UT
1125 mi Es seen 6/13/98
@ 1730 CDT
"translator list"



CKAL-5 Calgary, AB
1346 mi Es seen 6/18/98
@ 1659 CDT
"A Channel"



CKCK-2 Regina, SK
959 mi Es seen 8/1/98
@ 0355 CDT



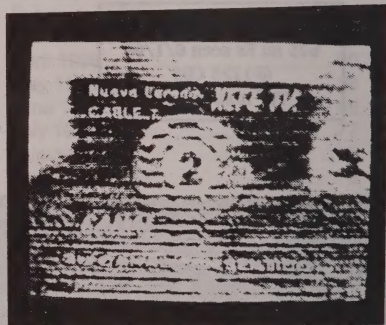
CKBI-4 Prince Albert, SK
1134 mi Es seen 8/17/98
@2259 CDT

And finally, some more photos from the collection of Danny Oglethorpe, Shreveport, LA:

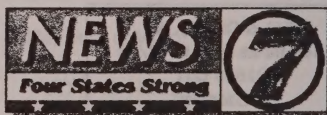
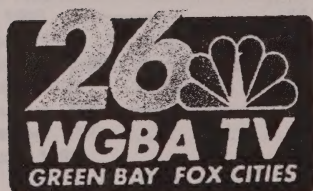
Equipment: Various TVs and VCRs. Winegard PR-5040 VHF @18 ft. AGL; Channel Master 4257 Quantum corner-yagi UHF w/Winegard GA-4700 @24 ft. AGL.



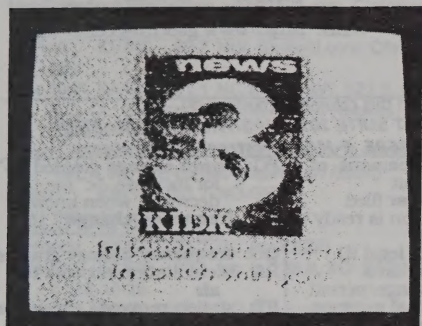
XHAGU-2 Aguascalientes, AGS
896 mi Es seen 6/25/98
@1210 CT



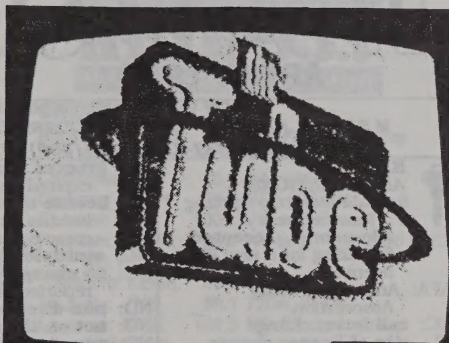
XEFE-2 Nuevo Laredo, TA
483 mi Es seen 6/29/98
@1443 CT
*"Prior to sign-on." Now that's
short hop!"*



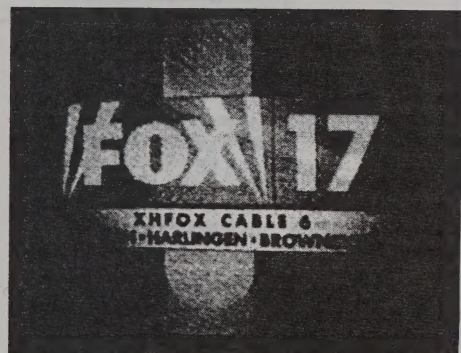
KOAM TV



KIDK-3 Idaho Falls, ID
1256 mi Es seen 6/1/98
@1500 CT
"local KTBS-3 off"



KTBU-55 Conroe, TX
175 mi Tr seen 7/16/98
@0900 CT
"The Tube"



XHFOX-17 Reynosa, TA
513 mi Tr seen 5/6/98
@2200 CT

W.T.F.D.A. -- THE CLUB FOR FM & TV DX'ERS!!!



FM NEWS

APRIL 1999

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PHONE: (609) 883-3321, FAX: (609) 883-5696, E-MAIL: MstreetTom@aol.com

<p>KEY TO ABBREVIATIONS: &: satellite programming AF: New frequency allocation accepted for filing for a new FM license AFA: American Family Association CC: call letter change CL: city of license change CX: a construction permit has been canceled C1,C2,etc: a change in status to that FM license class DA: directional antenna DE: station has been deleted FC: format change GA: granted amendment to the table of FM allocations GE: granted extension of construction permit</p>	<p>GX: granted replacement of expired permit LC: license to cover filed (means station is ready to come on air) MC: multiple-city legal ID NC: no change yet on a reported change/permit ND: non-directional antenna NO: not on the air NS: new station granted NW: new station signs on OSA: one-step application granted for change PA: proposed amendment to change FM table of allocation PC: power change on the air (">" for increase, "<" for decrease, when known)</p>	<p>PG: power change granted (">" for increase, "<" for decrease, when known) QC: frequency change occurred QG: frequency change granted RA: silent station returns to air RE: station requests extension on permit RX: station requests replacement of expired permit SG: slogan change or update SI: station is silent XA: dismissed amendment to FM allocations XC: transmitter site change occurred XG: transmitter site change granted</p>
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UNITED STATES

ALABAMA:

Andalusia: WTKE 98.1 CC (ex WWSF) "The Ticket"
 Anniston: WGRW 90.7 NO-RX denied (exp 9/12/99)
 Chatom: WFOV 106.1 NO-RE, PG< 12 kW, 272 ft, XG: 31-43-30 / 87-54-58, CL: Grove Hill, AL, RE denied (exp 10/20/99)
 Columbiana: WQEM 101.5 NO-CX, expires 11/15/99
 Demopolis: WZNJ 106.5 CX RX for 25 kW, expires 6/3/2000
 E.Brewton: WGCX 95.7 NO-GE
 Eufaula: *NS 91.9 AF
 Eufaula: WIOL 92.7 CC (ex WULA)
 Florence: WQLT 107.3 denied RX for 93 kW, 1017 ft, C1, expires 7/30/2000
 Gadsden: WSGN 91.5 denied RE for 6.3 kW (v), 522', DA, C3, XC, expires 8/16/2000
 Heflin: *NS 89.1 AF
 Oneonta: WKLD 97.7 NC to 341 ft, GX
 Pine Hill: WKXK 96.7 NO-GE

WCRL — WKLD

ILGUNT COUNTY BROADCASTING SERVICE, INC.

P. O. BOX 490

ONEONTA, ALABAMA

35121

ALASKA:

Houston: *NS 96.3 denied RX, expires 7/18/2000
 Juneau: KAMT 100.7 NO-GE
 Juneau: KAKZ 102.7 NO-GE
 Kaslof: KWJG 91.5 LC
 King Cove: *NS 88.1 AF
 Palmer: *NS 88.5 AF
 Seward: KPFN 105.9 NO-GX

ARIZONA:

Benson: KAVV 97.7 NC to 6 kW, 148 ft, RE denied (expires 10/30/99)
 Gilbert: KPTY 103.9 adds Mancow (Phoenix)
 Glendale: KLNZ 103.5 CC (ex KWCY), FC to reg. Mexican (&) (Phoenix)
 Holbrook: *NS 90.3 250w, 141 ft, AFA
 Nogales: KOFH 99.1 NO-RE denied (expires 1/31/2000)
 Springerville: KQAZ 101.7 OSA to C1, 55 kW, 1243 ft, DA
 Whitewater: KNNB 88.1 NC to 1250w, 640 ft, XC, RE denied

ARKANSAS:

Arkadelphia: *NS 91.9 AF
 DeQueen: *NS 88.7 AF
 El Dorado: KAUG 91.9 LC
 England: KHUG 96.5 FC to modern rock // KDRE
 Eudora: KAVH 101.5 NO, RE denied (expires 4/16/2000)
 Forrest City: KARH 88.1 NO, RE denied (expires 12/2/99)
 Gosnell: KAMJ 93.9 LC
 Hampton: *NS 88.1 AF

Arkansas:

Heber Sps: *NS 89.7 1 kW (v), 184 ft, AFA
 Hot Springs: KSBC 90.1 adds MGS cont. Christian
 (&)
 Marvell: KVRN 90.7 NW, Skylight cont. Christian
 (&)
 Pine Bluff: KANX 91.1 NC to 16.5 kW, 522 ft, C2,
 XC, CL: Sheridan, AR, RE denies (expires
 6/24/2000)
 Salem: KSAR 95.9 NC to 100.9 - C2, 50 kW,
 492 ft, XC, RE denied (expires 8/7/2000)
 Wilson: KAFW 103.7 NO-GE

CALIFORNIA:

Alameda: KXJO 92.7 CC (ex KSZF)
 Atherton: KCEA 89.1 inc. to 128 ft, XC: 37-29-32
 / 122-16-28
 Avenal: KAAX 105.7 NO-GX, inc. to 656 ft, XG:
 36-00-40 / 120-04-26
 Big Pine: KRHV 93.3 NO-GX
 Burney: KRRX 106.1 adds Bob & Tom (Redding)
 Chester: KBNF 98.9 increases to 2463 ft
 Coalinga: KNGS 100.1 NO-GE
 Corcoran: KLCZ 102.3 NO-GX
 Davis: KHZZ 104.3 PC> 6 kW, 328 ft.
 Earlimart: KNAC 93.5 NO-GE, PG> 6 kW, 177 ft.
 E:Porterville: KOJJ 100.5 NC to 2.1 kW, 1109 ft, B1,
 RX deined (exp 6/12/2000)
 Fairfield: KASK 91.5 NO-RE denied (exp
 12/26/99)
 Firebaugh: KAJP 94.7 NO-GX
 Ford City: KZPE 102.1 NO-GX
 Garberville: KLVG 103.7 NC to 10 kW, 2365 ft, GE
 Gonzales: KMBY 104.3 adds Mancow (Monterey)
 Healdsburg: KSYX 95.9 CC (ex KHBG), FC to CHR
 "Sexy" (Santa Rosa)
 Inglewood: KACE 103.9 PC> 4.1 kW
 King City: KZSL 93.9 adds Jones regional
 Mexican (&) (Monterey)
 Lenwood: KBIW 104.5 NO, RE denied (exp
 6/17/2001)
 Lompoc: KAOH 104.9 NO-GE
 Madera: KZFO 92.1 NC to 50 kW, 492 ft, class
 B, XC, CL: Clovis, CA, RE denied (exp
 6/27/2000)
 Merced: KAJZ 107.7 CC (ex KFIE) "Jazz"
 Mojave: KCRI 88.1 NC to 10.5 kW, -95 ft, RE
 denied (exp 6/11/2000)
 Northridge: KCSN 88.5 NC to 320w, 1643 w, RE
 denied (exp 1/24/2000)
 Palm Springs: KPLM 106.1 inc. to 397 ft.
 San Diego: KPBS 89.5 NC to 26 kW, 676 ft, XC,
 RE denied (exp 7/21/2000)
 San Joaquin: KVPC 105.5 NO-GE
 San Luis Obispo: KLFF 89.3 NO, RE denied (exp
 8/15/2000)
 Santa Ynez: KRAZ 105.9 NO-GE
 Stockton: KJOY 99.3 PG> 4.8 kW, 361 ft, DA,
 XG: 37-59-30 / 121-17-17
 Tecopa: *** 106.1 PA: add class A
 Weaverville: KAWX 103.1 NO, RE denied (exp
 6/12/2000)
 Yucca Valley: *NS 88.1 AF

**COLORADO:**

Burlington: KRGD 99.3 NO, RE denied (exp
 6/27/2000)
 Carbondale: *** 96.7 PA: add class A
 Denver: KHHH 95.7 PG> 100 kW (cir)
 El Jebel: *** 100.5 PA: add class A
 Fountain: KPRZ 96.1 NC to 1.7 kW, 2198 ft, C2,
 XC, RE denied
 Julesburg: KEGK 96.5 CC (NS)
 La Junta: *NS 89.1 720w, 243 ft.
 La Junta: KKIK 106.5 NO-RX denied (exp
 3/17/2000)
 Limon: KAVD 103.1 NO, RE denied (exp
 12/4/2000)
 Longmont: KCKK 104.3 PG> 100 kW, 676 ft., DA,
 XC: 39-41-45 / 105-09-54
 Manitou Sps: KCME 88.7 inc. to 2191 ft, C1
 Ouray: KWGL 105.7 CC (ex KURA) "The Eagle"
 Rocky Ford: KOOO 95.5 CC (NS)
 Vail: KSKE 104.7 dec. to 335 ft,
 XC: 39-08-05 / 105-26-47
 Walsenberg: KSPK 102.3 NC to 100 kW, 430 ft, C1,
 RE denied (exp 4/25/99)

CONNECTICUT:

Pomfret: *NS 91.1 AF

FLORIDA:

Baldwin: WXQL 105.7 reported SI (Jacksonville)
 Cedar Creek: WKSG 89.5 NO-GE (5th)
 Clermont: WLAZ 88.7 NO, RE denied (exp
 8/16/2000)
 Ft. Myers Bch: WJBX 99.3 PC< 45 kW, 472 ft, ND,
 C2, XC: 26-29-16 / 81-55-49
 High Springs: WXJZ 104.9 CC (ex WRKG), FC to
 smooth jazz (&) (Gainesville) "Jazz"
 Holly Hill: WANX 88.1 NO-GE
 Key Largo: WXTF 106.3 FC to Spanish hits //
 WVMQ, CC (ex WZMQ)
 Key West: WVMQ 107.9 FC to Spanish hits
 Kissimmee: WWKQ 89.1 NO, RE denied (exp
 2/16/2000)
 LaCrosse: WRKG 95.5 CC (ex WWFX), NW,
 classic rock (&) (Gainesville)
 Lake City: WOLR 91.3 adds Way-FM cont.
 Christian (&)
 Marathon: WKTS 97.7 NO-GE
 Marianna: WJAQ 100.9 FC to talk, sports, oldies
 Marco: WMKO 91.7 LC
 Melbourne: WBVD 95.1 adds Lex & Terry
 Melbourne: WCIF 106.3 PC> 13.5 kW, 446 ft, C3,
 XC: 28-08-15 / 80-42-11
 Miami: WDNA 88.9 NC to 7.4 kW, (cir), 1145 ft,
 DA, RE denied (exp 7/14/2000)
 Micanopy: WSKY 97.3 XG: 29-37-46 / 82-34-25
 Newberry: WBXY 100.5 adds Bob & Sheri (Gaines.)
 Pennusco: WIRP 88.3 NO-GX, PG< 2,250 w (v),
 282 ft, DA, LC

Florida:

Punta Rassa: WCCL 97.7 NW, classical (&) (Fort Myers), PG< 5.3 kW, 348ft, DA, class A, XG: 26-30-18 / 81-51-14

St. Augustine Bch: WJQR 105.5 NC to 16 kW, RE denied

Tallahassee: WWLD 106.1 FC to rhythmic oldies
Tice: WAAD 93.7 QG to 102.9 - C2, PG> 50 kW, 472', DA, XG: 26-29-16 / 81-55-49

Venice: WCTQ 92.1 PG< 10.5 kW, 476 ft.

GEORGIA:

Albany: WKAK 104.5 CC (ex WGPC) "K-Country"

Donaldsonville: WMGK 106.3 FC to ABC hot AC (&)

Douglas: WKZZ 92.5 PG> 20.5 kW, 352 ft, XG: 31-31-40 / 83-20-01, CL: Tifton, GA

Folkston: WATY 91.3 NO, RE denied (exp 4/29/2000)

Hogansville: WZLG 98.1 NC to 25 kW, 328', RE denied (exp 8/5/2000)

Lakeland: WHFE 105.9 NO-GE

Sylveste: WWSG 102.1 NO, RE denied (exp 8/13/2000)

Valdosta: WYZK 96.7 NC to 50 kW, 492', RE

**HAWAII:**

Honolulu: KMKP 105.9 PG> 100 kW (h), 1965 ft, DA, XG: 21-23-51 / 158-06-01

Honolulu: KKLK 98.5 drops Mark & Brian

Kekaha: KAUI 103.3 RE denied, unnecessary

Lihue: *NS 88.9 NO, RE denied (exp 12/2/99)

Poipu: KSRF 95.9 RE denied, unnecessary

Princeville: KAWT 98.9 NO, RE denied (exp 6/23/2000)

IDAHO:

McCall: *NS 90.7 AF

Sun Valley: KECH 95.3 NC to 5.9 kW, 2152', RX denied (exp 11/27/99)

Wallace: KSIL 100.7 NO, RE denied (exp 8/16/2000)

ILLINOIS:

Belvidere: WXRK 104.9 adds Bob & Tom

Bethalto: WFUN 95.5 FC coming in May (stunting with CHR)

Canton: WBDM 101.1 NO, RE denied (exp 10/23/1999)

DeKalb: WDEK 92.5 FC to CHR // WKIE, WKIF

Effingham: *NS 89.5 AF (AFA)

Elgin: WJKL 94.3 adds 1-On-1 Sports (&)

Galena: WDBQ 107.5 CC (ex WJOD), FC to oldies (&) (Dubuque)

Hillsboro: WXAJ 95.7 NO, RE denied (exp 8/6/99)

Morris: *NS 90.7 AF

Morrison: WZZT 102.7 QC from 95.1, PC> 6 kW, XC: 41-50-16 / 89-55-29

Mt. Morris: WSEY 95.7 PA: to Oregon, IL

Mt. Vernon: WAJT 102.1 NO, RE denied (exp 2/16/2000)

Mt. Vernon: WAPO 90.5 PC> 500w, 203 ft.

Illinois:

Oregon: WOXM 106.1 PA: to 106.3 - A, CL:

Genoa, IL

Pekin: WCIC 91.5 PG> 47 kW, 505 ft, DA, XG: 40-33-28 / 89-34-04

Pingree Grove: *NS 88.5 AF

Quincy: WMOS 103.9 NC to 39-58-00 / 91-16-59, RX denied (exp 5/20/2000)

St. Joseph: WGNJ 89.3 NO-GE

Sterling: WNIQ 91.5 LC

Sterling: WSSQ 94.3 adds WW1 a/c (&)

INDIANA:

Chesterton: WAJW 89.5 NO-GE

Greensburg: WAUZ 89.1 PC< 800w(v), 518 ft.

Hartford City: *NS 88.1 NO, RE denied (exp 2/10/2000)

Hartford City: WHTY 93.5 CC (ex WWWO), FC to A/C // WAXT

Jeffersonville: WQMF 95.7 PC> 29.5 kW, 633 ft.

Kentland: WZRK 101.7 NO, RE denied (exp 6/5/2000) CC (ex WJOK)

Marengo: WARL 89.9 PG> 4.5 kW, 269 ft, XG: 40-08-46 / 87-27-15, NO-RE denied (exp 1/20/2000)

Morristown: *NS 88.1 AF

Princeton: WSJD 100.5 NC to 38-23-24 / 87-34-23, GX

Trafalger: *NS 88.3 AF

W. Terre Haute: WVVVR 105.5 adds Bob & Tom

IOWA:

Asbury: WJOD 103.3 CC (ex KIKR), FC to country (Dubuque)

Des Moines: KJMC 89.3 CC (ex KLNQ)

Pacific Jct: *** 107.7 PA: add class A

St. Ansgar: KHAM 95.5 NO, RE denied (exp 5/30/2000)

Spencer: KICD 107.7 dec. to 285 ft.

KANSAS:

Bronson: *NS 88.3 AF

Council Grove: *** 104.1 PA: add class C3

Great Bend: KBDA 89.7 LC

Independence: KARF 91.9 NC to 6 kW, RE denied (exp 8/24/2000)

KENTUCKY:

Annnville: *** 96.7 PA: add class A

Benton: WAAJ 89.7 adds Way-FM cont. Christian (&) (Paducah)

Glasgow: *NS 88.3 AF

Harrodsburg: WJMM 99.3 PC> 7 kW, 617 ft, DA, C3, XC: 37-47-18 / 84-40-49

Owensboro: WBKR 92.5 NC to 96 kW, 1000 ft, RE denied (exp 7/30/2000)

Radcliffe: WASE 103.5 PG< 7 kW, 541 ft, ND, XG: 37-48-57 / 85-46-49

Saylorsville: WRLV 97.3 OSA for C3, 10 kW, 338 ft, XG: 32-29-01 / 91-54-10

Wickliffe: WGKY 95.9 XC: 36-56-17 / 88-58-01

WRLV 97.3 FM

Your Country Entertainer

WRLV 1140 AM

The Talk of Saylorsville

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Box 550 Church St.
Saylorsville, KY 41465

LOUISIANA:

Alexandria: KOUZ 96.9 XG: 31-22-40 / 92-28-27
 Basile: KQIS 102.1 PG> 100 kW, 981 ft, C1,
 XG: 30-05-13 / 92-22-54
 Dubach: KPCH 97.7 PC< 50 kW
 Jonesboro: KTOC 104.9 RA with southern Gospel
 Tallulah: KBYO 104.9 NC to 104.5 - C3, 24.5 kW,
 RE denied (exp 9/30/1999)

MAINE:

Augusta: WKCG 101.3 FC to soft AC "Star 101"
 Boothbay Hbr: WCME 96.7 FC to country // WCTB
 Fairfield: WCTB 93.5 FC to country
 Islesboro: WAYD 105.5 LC
 Presque Isle: WOZI 101.9 QC from 101.7, PC> 7.9
 kW, 1207 ft, DA
 Saco: WRED 95.9 NC to 3.2 kW, 449ft, XC,
 GE
 York Ctr: WUBB 95.3 CC (ex WXHT), FC to
 country "The Bee" (Portsmouth, NH)

MARYLAND:

Williamsport: WYII 95.9 PC> 3.3 kW

MASSACHUSETTS:

Nantucket: *NS 89.5 AF
 Southbridge: WWFX 100.1 CC (ex WQVR), RA with
 classic hits, PC> 2850w, 479 ft, XC: 42-13-28 /
 71-52-51

**MICHIGAN:**

Ann Arbor: WUOM 91.7 XC: 42-24-24 / 83-54-50
 Benton Harbor: WHFB 99.9 dec. to 407 ft.
 XC: 41-57-42 / 86-21-02
 Crystal Falls: WOB 100.7 NO, RX denied (exp
 9/11/99)
 Detroit: WKRK 97.1 adds Tom Leykis
 Gaylord: WMJZ 95.3 FC to JRN oldies (&)
 Harrisville: WMIH 89.7 CC (NS)
 Lansing: WHZZ 101.7 CX CP for 2,150w, 387 ft,
 XC: 42-40-33 / 84-30-00, PG> 4.1 kW, 397 ft.,
 XG: 42-41-29 / 84-33-29
 Mackinaw City: WAAQ 88.5 CC (NS)
 Stephenson: WWHK 106.3 CC (ex WZRK)
 Trout Lake: WHWG 89.9 CC (NS)
 Whitehall: WGVs 95.3 CC (ex WKBZ) "Grand
 Valley Shoreline"

MINNESOTA:

Babbitt: KAOD 106.7 NO, RX denied (expired
 4/3/99)
 Bemidji: KKZY 95.5 dec. to 423 ft.
 XG: 47-22-12 / 94-52-54
 Bemidji: KBHP 101.1 inc. to 522 ft.
 Fergus Falls: *NS 91.5 AF (MN Public Radio)
 Hutchinson: KKKR 106.9 FC to Radio 1 hot AC (&),
 QC from 107.1, now class C3
 Marshall: KARZ 107.5 PC> 15 kW, 430 ft,
 XC: 44-19-32 / 95-52-19
 Moose Lake: KBFH 107.1 NO-GX
 Windom: *NS 90.9 AF

MISSISSIPPI:

Belzoni: WGNG 106.3 NO-RX denied (exp
 5/13/2000)
 Belzoni: WBYP 107.1 NC to 18 kW, 390 ft, C3,
 XC, GX (exp 9/10/99)
 Bude: WMJU 104.3 CC (NS)
 Centerville: WZFL 104.9 NC to 6 kW, 328 ft, XC, RE
 denied (expires 8/16/2000)
 Columbus: *NS 90.5 AF
 Columbus: *NS 88.5 AF
 Fayette: WTYJ 97.7 NC to 6 kW, 328 ft, RX
 denied (exp 6/18/1999)
 Gulfport: WXYK 107.1 FC to CHR-dance "The
 Monkey"
 Houston: WJZB 88.7 QG to 88.9 - C3, 7 kW (v),
 466', DA, XG: 33-32-57 / 89-03-19, CL:
 Starkville, MS
 Jackson: WKXS 96.3 adds Young & Elder
 Natchez: WWSM 91.1 NO, RE denied (exp
 10/21/99)
 Oxford: WOXD 95.5 PC> 6 kW
 Pt. Gibson: WATU 89.3 NO, RE denied (exp
 7/1/2000)
 Sumrall: WFMM 97.3 CC (ex WJSJ), RA with
 talk, Don Imus, // WFMM (Laurel)
 Yazoo City: *NS 89.5 AF

MISSOURI:

Birch Tree: KBMV 107.1 RA with JRN country (&)
 Caruthersville: KLOW 105.1 PC> 4.8 kW, 328 ft.
 Columbia: KCMQ 96.7 NC to 100 kW, 915 ft, C1,
 XC, RE denied (exp 7/14/2000)
 Osceola: KCVJ 92.3 CC (ex KBUG)
 Overland: KRHS 90.1 still on the air with modern
 rock (Has been reported silent)
 Owensville: KBDQ 95.3 OSA to C2, 50 kW, 492 ft.
 Southwest City: KWMM 100.3 FC to WW1 70's
 oldies (&) and Rush Limbaugh
 Springfield: KAKU 90.1 PC> 5.5 kW
 Warrensburg: KCMW 90.9 PG< 97 kW, 443 ft.

MONTANA:

Butte: KAPC 91.3 LC
 Colstrip: *NS 93.7 3 kW, 443 ft., GA: to 99.5 -
 A
 Fairfield: *** 103.7 PA: add class C2
 Ft. Benton: *** 95.7 PA: add class C2
 Helena: KUHM 91.7 NO-RE
 Polson: *** 99.7 PA: add class C3
 Shelby: KLHK 97.9 PA: to 97.9 - C, CL: Dutton,
 MT

NEBRASKA:

Albion: KUSO 92.7 NO, RE denied (exp
 4/18/2000)
 Bridgeport: KAWQ 101.3 NO, RE denied (exp
 6/24/2000)

NEVADA:

Las Vegas: KPXT 97.1 FC to classic hits
 Pioche: KAXA 98.9 NO-GX
 Sun Valley: KATG 93.7 CC (ex KXXL) "Cat
 Country" (Reno)
 W. Wendover: *NS 89.7 105 ft, -144 ft.

NEW HAMPSHIRE:

Claremont: WHDQ 106.1 FC to classic rock
 Concord: WVNH 91.1 PG< 650 w (v), 331 ft,
 XG: 43-23-54 / 71-25-24, NW, cont. Christian
 and religion

Q106
The Rock 'N' Roll Authority

NEW JERSEY:

Cape May CH: WZBZ 105.5 CC (ex WBNJ), FC to
 dance "The Buzz"

Cape May CH: WNJZ 90.3 NO-GE

Cape May: WWCJ 89.1 NO, RE denied (exp
 11/19/1999)

Delaware Twp: WDVR 89.7 PG> 4.8 kW (v)

Dover Twp: WWNJ 91.1 NC to 50 kW (v), class B,
 GE

Egg Harbor Twp: WXGN 90.5 NO-GX (3rd)

Manahawkin: WNJM 88.9 NO-GE

Pt. Pleasant: WRAT 95.9 XC: 40-10-15 / 74-01-42

Tuckerton: WBHX 99.7 PG> 5.6 kW, 33 ft, ND,

XG: 39-33-41 / 74-14-27, NO-GE

Wildwood Crest: WBNJ 93.1 FC to urban AC (&) //
 WTTT (Atlantic City) CC (ex WDOX)

NEW MEXICO:

Hobbs: KPER 95.7 adds Real Country (&)

Los Alamos: KEFE 107.5 NO-GE

Reserve: KNMA 104.5 NO, RE denied (exp
 11/8/99)

Santa Fe: KZXA 94.7 NO-GE

Santa Rosa: KRSR 95.9 NO, RE denied (exp
 6/25/2000)

NEW YORK:

Altamont: WAAP 104.9 CC (ex WSRD), FC to adult
 alternative "Albany's Point"

Bath: WVIN 98.3 PG> 4.5 kW, 367 ft,
 XG: 42-19-06 / 77-21-27

Canandaigua: WCIY 88.9 NC to 500w, GX

Geneva: WEOS 89.7 NC to 4 kW, 312', CX CP
 (station is already at this power)

Jeffersonville: WWHW 102.1 NO, RE denied (exp
 5/27/2000)

Monticello: WSUL 98.3 NC to 2.2 kW, DA, RE
 denied (exp 3/14/2000)

New York: WFUV 90.7 NC to 492 ft, 40-51-44 / 73-
 53-00, RE denied

New York: WTJM 105.1 CC (ex WBIX) "Jammin'
 Oldies"

Old Forge: WBGK 99.7 NO, RE denied (exp
 2/16/2000)

New York:

Old Forge: WNOB 94.1 CC (ex WDLS)

Salamanca: WQRT 98.3 CX CP for 3.5 kW, DA,
 PG> 3.2 kW, 443 ft, DA

Southampton: WPBX 88.3 NC to 16 kW (cir), 748 ft,
 DA, XC, RE denied (exp 7/21/2000)

Voorheesville: WAMZ 96.3 SG "Jamz 96.3" carrying
 Siena NCAA Basketball (Albany)

Waterloo: WNYR 98.5 PG> 3.2 kW, 446 ft.

Watertown: WCIZ 93.3 QC from 93.5, PC> 6 kW

Waverly: WAVR 102.1 QC from 102.3, PC> 4.1
 kW

Westport: WCLX 102.5 CC (ex WMEX) "Classic
 Hits"

NORTH CAROLINA:

Albermarle: WABZ 100.9 NC to 1.8 kW, 541 ft, DA,
 XC, RX denied (exp 6/30/2000)

Atlantic Beach: WBJD 91.5 CC (NS)

Burgaw: WKXB 99.9 FC to rhythmic oldies

Edenton: WERX 102.5 PC> 64 kW, C1, CL:

Columbia, NC, XC: 35-55-05 / 76-20-48

Hatteras: WVOC 94.5 CC (NS)

Ocean Isle Beach: WDDZ 93.5 LC

Old Fort: WMXF 104.3 PC< 550 w, 1043 ft, DA,
 XC: 35-35-29 / 82-17-29

Warrenton: WXNC 107.3 RE dismissed, moot, PG<
 1.4 kW, 679 ft, class A, XG: 37-30-15 / 77-42-14

Wilmington: WHQR 91.3 NC to 13.5 kW, 1932', RE
 denied (exp 8/20/2000)

OHIO:

Beavercreek: WXEG 103.9 CX CP for 2.6 kW

Defiance: WGDE 91.9 NO, RE denied (exp
 8/7/2000)

New Philadelphia: WNPQ 95.9 FC to cont. Christian
 and religion (Canton)

Rushville: WLRY 88.5 LC

Steubenville: *NS 88.9 150w, 259 ft, AFA

Upper Arlington: WXMG 98.9 FC to R&B oldies

Zanesville: WJIC 91.7 inc. to 328 ft, DA,

XG: 39-58-02 / 82-12-49

OKLAHOMA:

Ardmore: KACO 98.5 FC to oldies (&)

Atoka: KHKC 103.1 PG> 40 kW, 367 ft, C2,
 XG: 34-25-08 / 96-11-24

Broken Arrow: KOAS 92.1 FC to soft AC (Tulsa)

Claremore: KTFR 100.7 NC to 6 kW, XC, CL:

Chelsea, OK, GE

Durant: KAYC 91.1 NO, RE denied (exp
 7/14/2000)

Healdton: KICM 93.7 adds Real Country (&)

Madill: KMD 102.3 GA: to 102.5 - C2, CL:
 Whitesboro, TX

Oklahoma City: KYLV 88.9 PG> 4.4 kW, 676 ft,
 XG: 35-34-24 / 97-29-08

Sand Springs: KRTQ 102.3 CC (ex KTFX) "Rock
 102"

Snyder: KJCM 100.3 CC (ex KBKF)

Tishomingo: KTSH 99.7 NC to 34-19-46 / 96-49-02,
 RE denied (exp 8/26/2000)

Wamer: KTFX 102.1 CC (ex KRQZ), FC to
 classic country, PC> 6 kW, 276 ft, CL:

Wamer, OK, XC: 35-34-39 / 95-12-36

Weatherford: KAYM 90.5, NO-RE denied (exp
 8/20/2000)

98 ROCKS

WQRT 98.3 FM

OREGON:

Astoria: KZNX 89.7 NO, RE denied (exp 12/27/99)
 Banks: KBBT 107.5 NC to 5.1 kW, 1443 ft, C2, XC, RE denied (exp 4/9/2000), this is an interim CP until the station can upgrade to 37 kW at 1443 ft. (Portland)
 Bonanza: KAQX 102.9 LC
 Florence: KVVZ 91.7 CC (NS)
 Lakeview: KLCR 95.3 NO, RE (exp 1/25/2000)
 North Bend: KACW 107.3 FC to Radio 1 hot ac (&)
 Reedsport: KRBZ 99.5 NC to 11 kW, 400 ft, RX denied (exp 6/4/2000)
 Reedsport: KAUB 89.1 LC
 Toledo: KPPT 100.7 NC to 25.5 kW, 446', C2, RX denied (exp 2/25/2000)

PENNSYLVANIA:

Allentown: WJCS 89.3 PC> 150w(v), XC: 40-33-52 / 75-26-24
 Clarendon: *** 102.7 PA; add class A
 Harrisburg: WWKL 99.3 NC to 1350w, 679 ft, XC, RE denied (exp 3/21/2000)
 Jersey Shore: WVRT 97.7 FC to CHR (Wlmsport.)
 Lancaster: WROZ 101.3 PC< 6.7 kW, 1309 ft.
 Laporte: WRPA 103.9 NC to 6 kW, 276', RE, GX
 Liberty: *** 107.5 PA; add class A
 Masontown: WYFU 88.5 CC (ex WLWJ), NW, religion "Where you find understanding"
 Mill Hall: WZRZ 98.7 FC to oldies (Williamsport)
 Pittsburgh: WDRV 96.1 FC to hot AC "Mix"
 Ridgebury: WREQ 96.9 RA with MGS cont. Christian (&) (Elmira, NY)
 Strattanville: *** 101.3 PA; add class A
 Tafton: *NS 88.3 850w, 525 ft.

RHODE ISLAND:

Block Island: WCRI 95.9 CC (ex WVBI)

SOUTH CAROLINA:

Lexington: WLXC 98.5 FC to urban AC "Kiss" (&)
 Pageland: WRML 102.3 CC (ex WMAP)

SOUTH DAKOTA:

Sioux Falls: KRRO 103.7 PC< 38 kW, 394 ft.
 Sioux Falls: KMXC 97.3 dec. to 840 ft, XG: 43-43-46 / 97-05-10

TENNESSEE:

Cleveland: WALV 95.3 FC to CHR
 Cookeville: WGIC 98.5 FC to JRN hot AC (&)
 Elizabethton: WUMC 90.5 NO, RE denied (exp 5/28/2000)
 Pioneer: WAJG 89.3 NO-CX-DE
 Ripley: WAUV 89.7 NO, RE denied (exp 6/13/2000)
 Selmer: WXOQ 105.5 PC> 6 kW, 328 ft.

TEXAS:

Amarillo: KLMN 89.1 PC> 3 kW, 328 ft.
 Bastrop: KYCM 88.5 FC to EWTN Catholic (&)
 Bishop: KFLZ 106.9 FC to modern rock
 Bowie: KRJT 100.7 PG> 100 kW, 1840 ft, class C, XG: 33-33-37 / 96-57-34, CL: Highland Village, TX, reported SI
 Brownwood: KPBE 89.3 XG: 31-47-43 / 98-49-07
 Clarendon: KEFH 99.3 NO, RX denied (exp 9/17/99), LC

Texas:

College Stn: KTSR 92.1NC to 95.1 - C2, 50 kW, 492 ft, XC, CX (9") (will expire May 6, 1999)
 Dallas: KLUV 98.7 inc. to 1653 ft, XC: 32-35-19 / 96-58-05
 Dallas: KRBV 100.3 FC to dance-urban "Hot 100"

KTSR 92.1

The Rock Station

Daingerfield: KCLK 106.9 reported SI
 Denver City: KAWY 97.5 NO, RX denied (exp 6/3/2000)
 Dilley: *NS 98.9 NO, RX denied (exp 12/23/1999)
 Falfurrias: KDFM 103.3 XG: 27-15-29 / 98-07-08
 Gilmer: KFRO 95.3 CC (ex KCGL)
 Goliad: KHMC 95.9 NC to 25 kW, 321 ft, DA, C3, GX
 Hempstead: KEZB 105.3 NO-GX
 Henderson: KDVE 99.9 QG to 100.3 - A, PG< 2,350 w, 535 ft, CL: Tatum, TX, XG: 32-22-38 / 94-34-13
 Hereford: KHFD 103.5 NO, RE denied (exp 3/28/2000)
 Highland Park: KVIL 103.7 inc. to 1653 ft, XC: 32-35-19 / 96-58-05
 Linden: KIXK 99.3 NO, RE denied (exp 12/21/99)
 Marble Falls: *NS 88.5 6 kW (v), 89 ft, DA
 Mt. Pleasant: KPXI 100.7 SI (new format soon)
 New Ulm: KMIA 92.3 NO-GX
 Olney: KRZB 97.5 NO, RX denied (exp 10/7/99)
 Orange: KKKMY 104.5 inc. to 404 ft.
 Palestine: KLIS 96.7 PC> 50 kW, 384 ft, C2
 Pampa: KAXH 90.9 inc. to 364 ft.
 Pittsburg: KSCN 96.9 NW, country "Star Country"
 Reno: *** 98.9 PA; add class A
 San Angelo: KMDX 105.7 LC
 Sulphur Sps: KSCH 95.9 FC to country // KSCN 96.9
 Tahoka: KAWD 95.3 NO, RX denied (exp 5/9/2000)
 Tyler: KTYL 93.1 FC to R&B Oldies "Jammin' Oldies 93.1"
 Uvalde: KYUF 104.9 NC to 25 kW, 272 ft, C3, RE denied (exp 12/3/99)
 Winnie: KRTX 100.7 adds Spanish dance format from 7pm to midnight (Houston)

UTAH:

Payson: KTCE 92.3 FC to dance // KUUV "U92"
 Tooele: KUUV 92.1 CC (ex KTCE), FC to dance "U92" (Salt Lake City)

VERMONT:

Canaan: WXXM 94.1 NO, RX denied (exp 11/13/99)
 St. Johnsbury: *NS 88.5 290w (v), 1863ft, VPR
 Wilmington: WMTT 100.7 CC (ex WWAY) "The Mountain"

VIRGINIA:

Alberta: WAQD 103.1 NO, RE denied (exp 8/16/2000)
 Blacksburg: WVMJ 105.3 FC to classic rock
 Bluefield: WHKX 106.3 PG>510w, 1112 ft, XG: 37-15-05 / 81-11-20
 Charles City: WAUQ 89.7 NO, RE denied (exp 6/27/2000)
 Clarksville: WJLC 98.3 CC (ex WLCQ), FC to WW1 country (&)
 Culpeper: WPER 89.9 NO-GE, PG> 50 kW, 331 ft, DA, XG: 38-40-42 / 77-47-18
 Deltaville: WSRV 92.3 NW, oldies (&) "Surf"
 Dillwyn: WBNN 105.3 NO, RE denied (exp 8/29/2000)
 Radford: WNRV 101.7 FC to oldies (Blacksburg)
 S.Boston: WHLF 95.3 CC (ex WJLC), FC to JRN a/c (&)
 Waynesboro: WPVA 90.1 NO-GE

WASHINGTON:

Hoquiam: KGHO 95.3 NC to 5 kW, 436 ft, C3, XC, RE denied (exp 7/24/2000)
 Omak: KQWS 90.1 NO, RE denied (exp 12/23/99)
 South Bend: KFMV 105.7 NO, RE denied (exp 4/23/2000)
 Spokane: KEZE 96.9 FC coming soon, stunting with rhymes "Twinkle, twinkle little star, out Monday who we are" ...)

**WEST VIRGINIA:**

Bluefield: WHAJ 104.5 inc. to 1548 ft, XG: 37-15-05 / 81-11-20
 Elkins: WBHZ 91.9 NW, AFA cont. Christian (&)
 Ridgeley: *** 100.5 PA: add class A
 Romney: WDNZ 100.1 NC to 900w, DA, RE denied (exp 8/16/2000)

WISCONSIN:

Kaukauna: WPCK 104.9 PA: to C3, Denmark, WI
 Madison: WORT 89.9 NC to 286 ft, 43-03-03 / 89-29-13, GE
 Menomonie: WMEQ 92.1 NC to 18 kW, 699 ft, C2, RE denied (exp 6/24/2000)
 Port Washington: WGLB 100.1 adds Imus
 Portage: WBKY 95.9 PG< 5.4 kW, 322 ft, XG: 43-38-17 / 89-34-16
 River Falls: WEVR 106.3 PC> 6 kW, 328 ft.

WYOMING:

Big Piney: *** 99.7 PA: add C1
 Casper: KUWC 91.3 NO, RE denied (exp 7/11/2000)

Wyoming:

Diamondville: *NS 105.3 NO, RX denied (exp 4/23/2000)
 Gillette: *NS 88.9 430w, 550 ft, MSU
 Kemmerer: KAOX 107.3 OSA for C2, 16 kW, 886 ft, XG: 41-50-18 / 110-30-12
 Laramie: KSNB 104.5 NC to 10.5 kW, 938 ft, C2, XC, RE denied (exp 8/12/2000)
 Pine Bluffs: KASX 105.3 NO, RE denied (exp 12/3/99)
 Sheridan: KYTI 96.5 GA: to 93.7 - C
 Thayne: *** 106.7 PA: add C1
 Upton: *** 105.9 PA: add C1

PUERTO RICO:

Aguadilla: WTPM 92.9 NC to 1207', XC, GX
 Carolina: WVOZ 107.7 PC> 12 kW, 2758, XC: 18-18-36 / 65-47-41

VIRGIN ISLANDS:

Christiansted: WYAC 93.5 FC to Spanish hits, CC (ex WAVI)
 Christiansted: WREY 98.5 CC (ex WPPD)

**CANADA****BRITISH COLUMBIA:**

Big White Ski Village: CHSU-FM1 CC (ex CKBL-FM1), FC to hot AC // CHSU-FM
 Duncan: CKAY 1500 wants 89.7, 2146w (competing with Victoria-CBC appl.)
 Kelowna: *NS 102.3 2 kW country application
 Kelowna: CKBL 1150 wants 103.1 - 11 kW
 Riley Creek: *NS 98.7 xltr of CBU-FM wanted
 Riley Creek: *NS 104.5 xltr of CFMI wanted
 Surrey: *NS 107.3 27w news/talk application
 Tofino: *NS 101.7 50w, standards application
 Victoria: *NS 89.7 1.7 kW appl: // CBUF-FM
 Victoria: *NS 107.3 20 kW modern rock appl.
 Victoria: CJNI 900 wants 107.3 - 7.4 kW (competing with application above)
 Victoria: CKXM 1200 wants 91.3 - 1,766 w.

MANITOBA:

St. Theresa Point: *NS 93.5 36w, // CINC-FM
 Selkirk: CICY wants PG> 100 kW
 Winnipeg: CJAE 92.9 wants PG< 13 w.

ONTARIO:

Kitchener: *NS 88.3 4 kW application (Conestoga Community College)
 Simcoe: *NS 98.9 1.09 kW, proposed relay of CKPC 1380 DENIED
 Toronto: CISS 92.5 SG "Kiss 92" still CHR

QUÉBEC:

Restigouche: *NS 105.1 50 w application
 Sainte-Anne-de-Beaupre: *NS 96.7 new relay of CBV-FM (Radio 1) wanted, 124 w.
 Victoriaville: CFDA 101.9 QC from 1380, now 1350w.

PIRATE WATCH:

• **MISC:** M Street Journal reports that the FCC closed down pirates in a variety of areas: Howell, Michigan, and the Bronx, in New York City. No other information is available.

• **Bill Kennard**, FCC chairman, is apparently quite serious about his Low Power FM (LPFM) proposal. He recently appeared as a guest on WMUC, 88.1 in College Park, Maryland. WMUC is an existing low power FM station (10 watts) operated by the University of Maryland. The station was granted in the late 1970s and was grandfathered in: before the FCC stopped issuing low power licenses. Audio of the interview is available on-line, at www.wmuc.umd.edu. Opposition to the LPFM proposal is really lining up, including the NAB (National Association of Broadcasters), and nearly every state broadcasting organization. Many are proposing to extend the deadline for public comment on this issue, from April 12th to July 12th. There will surely be more to come soon on this issue ...

• **In Toronto, Ontario**, new Top 40 station "Power 92" (CISS 92.5) used that slogan only for a few weeks. (You may have read about this format change here last month, or seen the items regarding this issue on the internet on amfmtdx). The issue was CKDX 88.5, in nearby Newmarket (part of metro Toronto), has been using "Power 88.5" for a number of years now. CKDX threatened legal action, and CISS relented, now going by the handle "Kiss 92". Ironically, the station had been using that slogan as a country station, even since its sign on in 1992. Word is the station is out a lot of cash, having invested quite a bit in "Power 92" paraphernalia!

• **Bill Draeb** sends an update on WAUN 92.7 in his hometown of Keweenaw, Wisconsin. A few months ago, he wrote to inform us that they were silent. Well, they have gone bankrupt, and a recent newspaper article indicates that they should not be expected to come back on anytime soon. Bill sends us some other local news: WBDK 96.7 is now originating locally, rather than using the Jones satellite service. The musical format continues to be oldies from the 40's, 50's, and 60's. A recent phone book, and letterhead from the station, lists WRLU 104.1 (Algoma) and WRKU 102.1 (Forestville) at the same address as WBDK (P.O. Box 339, Luxembourg, WI 54217), though Bill has not

noted either station on the air. Thanks for the update!

• **Bruce Elving** writes with comments about last month's Minnesota Public Radio story. The article mentioned how newly elected governor Jesse Ventura was proposing to end state aid to the organization (which did not really represent very much of the MPR budget, thanks to a successful marketing strategy). However, Bruce notes that smaller Minnesota public radio stations that are not MPR affiliates could be more adversely affected by the plan. This would include stations such as KAXE 91.7 Grand Rapids, KUMD 103.3 Duluth, and WCAL 89.3 Northfield. Bruce says "They are members of AMPERS, the Association of Minnesota Public Educational Radio Stations. I heard from Paul Schmitz at KUMD that MPS has \$23 million in the bank, and loss of funds for outstate translators or new main stations (in Grand Marais up the north shore of Lake Superior near the Canadian border) could easily be made up by MPR's vast wealth". Some stations are very publicly fighting the proposal, including KVSC 88.1 St. Cloud. A copy of their statement is available on the web, and can be found by searching for "MN-WI Broadcasting Page" on Altavista, according to Bruce. Bruce also wonders about the call letters of some of the Mexican information I listed last month. He thought XEYI was actually XHYI, XEEP should be XEEP-FM, and that XHOM is on 107.5, not 107.9. He also notes a typo on my entry in Big River, SK: they relay CJLR 89.9, not "CJRL".

• **KBEX 105.1 Billings, Montana** is on the air after all. I had reported them as "NO-GX" last month, but John Johnson notes they have been on the air since last November. I have noted such erroneous reports in the past as well. Perhaps they are filings with the FCC that are just being discovered now, but in the meantime the station has come on the air?

• **More Canadian Info ...** from Doug Smith (thanks!!) He notes that the CRTC received applications for new FM stations in Brandon, MB, Lloydminster, AB, Red Deer, AB, Taber, AB, Saksatoon, SK, and Chatham, ON, but no further information was available at this time.



TV News

Douglas E. Smith W9WI
1385 Old Clarksville Pike
Pleasant View, TN 37146-8098
W9WI@bellsouth.net

April 1999

non-commercial station
nc no change

<http://personal.bna.bellsouth.net/~w9wi>

Applications for new stations

St	Ch	ERP	Ht.	City	Applicant	Latitude	Longitude
AL	22^	50	202	Florence	WFIQ* [36]	34-34-41	87-47-02
AL	41^	50	185	Mobile	WEIQ* [42]	30-39-33	87-53-33
CA	50^	126	628	San Jose	KTEH* [54]	37-29-17	121-51-59
CA	52^	251	668	San Jose	KICU [36]	37-29-17	121-51-59
CT	32^	200	441	Hartford	WEDH* [24]	41-42-02	72-49-57
FL	31^	152	609	Pensacola	WSRE* [23]	30-34-13	87-35-08
FL	13^	31	291	W. Palm Beach	WPEC [12]	26-35-18	80-12-30
KY	7^	15	192	Beattyville	WLJC [65]	37-36-23	83-41-16
MB	6-	4.1		Dauphin	CKND [9]		
MD	42^	328	253	Annapolis	WMPT* [22]	39-00-36	76-36-33
MI	7^	16.8	218	Grand Rapids	WOOD [8]	42-41-14	85-30-34
MO	39^	885	323	St. Louis	KETC* [9]	38-28-56	90-23-53
NY	16^	200	129	Rochester	WXXI* [21]	43-08-07	77-35-03
OH	59^	1000	296	Akron	WVPX [23]	41-03-53	81-34-59
PA	42^	331	313	Pittsburgh	WCWB [22]	40-29-43	80-00-18
TX	9^	8.4	56	Houston	KUHT* [8]	29-34-28	95-29-37
TX	27^	241	318	Houston	KRIV [26]	29-34-28	95-29-37
TX	15^	1000	447	Texarkana	KTAL [6]	32-54-11	94-00-20
VA	46^	1000	360	Norfolk	WPXV [49]	36-48-31	76-30-13
WA	32^	175	71	Bellevue	KWPX [33]	47-30-17	121-58-06

KRIV's application on channel 27 in Houston is for an auxiliary backup DTV transmitter. (the first to be requested)

Construction permits granted for new stations

St	Ch	ERP	Ht./Call	City	Applicant	Latitude	Longitude
AK	28^	50	39	Anchorage	KTVA [11]	61-11-33	149-54-01
FL	20^	200	302	Miami	WLRN* [17]	25-58-46	80-11-46
FL	7^	18.8	475	Tampa	WFLA [8]	27-50-32	82-15-45
GA	23^	200	413	Savannah	WJCL [22]	32-03-29	81-20-19
KS	33z	5000	240	Wichita	KWCV	37-47-47	97-31-59
MO	35^	838	339	St. Louis	KSDK [5]	38-34-05	90-19-55
NV	9-	5	448	Tonopah	Sunbelt	38-03-05	117-13-20
OK	27^	352	489	Okla. City	KFOR [4]	35-35-52	97-29-22
TN	40^	75	350	Chattanooga	WDSI [61]	35-12-34	85-16-39
TN	28^	906	313	Memphis	WREG [3]	35-10-52	89-49-56
TX	14^	475	500	Dallas	KERA* [13]	32-34-43	96-57-12
VA	41^	531	344	Hampton	WVEC [13]	36-49-00	76-28-06

KWCV [33] in Wichita had been deleted; the CP has now been reinstated.

New-station permits expired, dismissed, etc.:

St	City	Ch	# permits	St	City	Ch	# permits
NV	Tonopah	9-	3				

Applications to change existing stations

St	Ch	ERP	HAAT	City	Call	Latitude	Longitude
AL	10+			Mobile	WALA-TV	30-41-16	87-47-54
CA	54z	661	662	San Jose	KTEH*	37-29-17	121-51-59
CO	6-		410	Denver	KRMA*	39-42-48	105-14-00
KS	11z		294	Topeka	KTWU*		
MT	11+	9.06		Missoula	KUFM-TV		

Entries in italics are corrections to the tower coordinates only - nothing has actually changed.

Applications to change construction permits

St	Ch	ERP	HAAT	City	Call	Latitude	Longitude
AZ	58z	5000	335	Sierra Vista	KWBA	31-45-32	110-48-03
IL	22+	15.7	131	Macomb	WMEC*	40-23-54	90-43-55
TX	27^	1000		Houston	KRIV-DT		
WA	45+	2000	696	Seattle	KHCV	47-30-17	121-58-06

Changes granted to existing stations

St	Ch	ERP	HAAT	City	Call	Latitude	Longitude
CA	59z	5000		Sanger	KMSG-TV		
TX	47+	4730	301	Greenville	KTAQ		

Changes granted to construction permits

St	Ch	ERP	HAAT	City	Call	Latitude	Longitude
NJ	62-	5000	304	Atlantic City	WACI	39-36-15	74-21-59
NY	51-	4200	277	Batavia	WPXJ-TV	42-53-42	78-00-56

Changes expired, dismissed, etc.

St	City	Ch	Call	St	City	Ch	Call
CO	Gd. Junction	4	KPQX	KY	Harlan	44	WAGV
IN	Indianapolis	40	WHMB-TV				

LPTV Displacement applications

St	City	Call	Fm	To	St	City	Call	Fm	To
AZ	Flagstaff	K60BP	60	54	OR	Cave Jctn.	K47FR	47	61
AZ	Phoenix	KDTP-LP	39	35z	OR	Grants Pass	K65EJ	65	47
CA	Bakersfield	K65EY	65	21	OR	Rogue River	K67EX	67	17
CA	Chico	K55HR	55	28	PA	Altoona	W32AX	32	39
IN	Fort Wayne	W66BD	66	53+	PA	Clarks Summit	W32AD	32	14z
MD	Towson	WMJF-LP	61	16z	PA	Washington	W20AN	20	58
MO	Columbia	K63FW	63	54z	SC	Hilton Head Island	W18BD	18	53
NC	Apex	WACN-LP	57	34-	SC	Myrtle Bch.	W66BJ	66	34
NC	Brevard	W59AR	59	68	TN	Chattanooga	WYHB-LP	39	15
NJ	Morristown	W44AW	44	54	TX	C. Christi	K22BH	22	41
NM	Bingham	K62BC	62	22z	TX	Giddings	KHPG-LP	21	31z

NM	Eagle Nest	K63AX	63	33z	TX	Laredo	K68FU	68	49z
NM	Sheridan	K69CI	69	45+	TX	San Angelo	KTXE-LP	55	38
NY	Glens Falls	W04BD	4	65	WY	Mountain View	K19CP	19	21

Over 120 additional LPTV displacement applications were filed, mostly in Utah. (It looks like a state-wide displacement plan was prepared, as I didn't see any obvious conflicts in the Utah applications) There were simply too many to list in the space available!

LPTV Displacements granted

St	City	Call	Fm	To	St	City	Call	Fm	To
CO	Cortez	K39EY	62+	39-	NV	Las Vegas	K25FS	69n	25z
CO	Denver	K36FB	43z	36z	OH	Ashland	W33BW	59-	33-
CO	Dove Creek	K32EY	67n	32n	OH	Chillicothe	W59DL	40+	59z
CO	Pueblo	K34FB	24n	34n	OH	Lima	WOHL-LP	67-	25z
FL	Tallahassee	W35BN	19+	35-	OH	Zanesville	W16BT	36z	16-
GA	Albany	W61DF	23n	61-	OR	Portland	KPXG-LP	43+	54z
GA	Savannah	W6SA-LP	38z	50z	SC	Beaufort	W19CH	40+	19-
GA	Tifton	W33BX	20+	33+	SD	Sioux Falls	K56GF	66n	56-
GA	Waycross	W54CW	46+	54z	TN	Cookeville	W57CZ	46+	57z
ID	Sandpoint	K32EV	24n	32n	TX	Livingston	KCTL-LP	66n	25-
IL	Johnston C.	W15BU	17-	15z	UT	Huntsville	K58FT	68n	58-
MN	Aitkin	K25GD	35n	25z	WA	Malott	K55IC	67n	55n
MS	Meridian	W47CG	63-	47-	WA	Omak	K17EV	13n	17n
NC	Fayettevill.	W66DF	53+	56-	WA	Pt. Angeles	K30FL	61n	30n
NC	Jacksonvill.	W22CJ	21+	22-					

LPTV Displacements Dismissed/Denied

St	City	Call	Fm	To	St	City	Call	Fm	To
CA	Calexico	K22FJ	22-	24+	TN	Chattanooga	WYHB-L	39z	15z
ID	Lewiston	K21CC	21n	43n	TX	C. Christi	K13WD	13+	12z
NY	Wilson	W68GT	68+	52-	TX	El Paso	K69IB	69n	34-

Technical changes on the air

St	Ch	Call	City	What happened
DC	4-	WRC-TV	Washington	decrease tower height 10m.
IN	16z	WNDU-TV	South Bend	increase power 3800>5000KW.
LA	23-	WSTY-LP	Hammond	move from ch. 39z at Baton Rouge; (roughly 30mi. east) increase power 17.3>24.3KW, increase tower 43m.
MN	47-	KXLT-TV	Rochester	move about 30mi. south-southwest, increase power 107>1510KW, and tower height 104>343m.
NE	17z	KTVG	Grand Island	move about 12mi. southwest; increase power 105>3890KW; and tower height 60>186m.
PA	69z	WFMZ-TV	Allentown	increase power 1070>1780KW.
PA	53-	WILF	Williamsport	increase power 12.3>1320KW & tower height 222>244m.
TN	20+	WBXX-TV	Crossville	move about 45mi. east-northeast; increase power 14.8>3630KW; increase tower height 48>738m.

UT	30z	KUWB	Ogden	move 35mi. north; decrease power 5000>1660KW; increase tower height 237>1171m.
WI	48z	WEUX	Chippewa Falls	move about 6mi. northwest; increase power 70.8>1510KW; increase tower height 149>213m.

New stations on the air or requesting operating license

St	Ch	ERP	HAAT	Call	City	Latitude	Longitude
AZ	58z	5000	335	KWBA	Sierra Vista	31-45-33	110-48-02
CA	19			WLI-625?	Chico	39-57-34	121-42-40
CA	24+			WLI-624	Oakland		
CO	17^	25	450	KMGH-DT	Denver	39-43-48	105-14-00
GA	19^	49	329	WGNX-DT	Atlanta	33-48-27	84-20-26
GA	10^	16.5	303	WXIA-DT	Atlanta	33-45-24	84-19-55
HI	18^	5.4	-187	KHVO-DT	Hilo	19-43-57	155-04-04
HI	40^	8.5	1	KITV-DT	Honolulu	21-17-37	157-50-34
HI	44n	0.365		K44DQ	Kaneohe	21-25-31	157-45-37
IN	46^	250	267	WTHR-DT	Indianapolis	39-55-43	86-10-55
MA	20^	700	390	WCVB-DT	Boston	42-18-37	71-14-14
MI	18-	17.4		W18BT	Alpena	45-09-22	83-27-54
MI	58^	1000	274	WJBK-DT	Detroit	42-27-38	83-12-50
NV	43z	5.1		K43FO	Las Vegas	35-56-44	115-02-31
NY	17			mystery!	Suffolk Co.		
OH	12^	0.8	161	WMFD-DT	Mansfield	40-45-50	82-37-04
OR	11-	316	472	KAUP	Pendleton	45-44-51	118-02-11
PA	67^	112	262	WCAU-DT	Philadelphia	40-02-31	75-14-12
PA	51^	145	250	WTAE-DT	Pittsburgh	40-16-49	79-48-11
PR	33z	3.0		W33BN	Ponce	18-04-50	66-44-47
TX	20+	9.0		K20FK	Brownsville	25-57-49	97-31-11
TX	9^	18.6	527	WFAA-DT	Dallas	32-35-06	96-58-41
TX	31^	759	551	KHOU-DT	Houston	29-33-40	95-30-04
TX	26-	5000	560	KPXL	Uvalde	29-37-11	99-02-55
UT	24z	5000	246	KAZG	Ogden	41-15-17	112-14-13
WA	48^	960	239	KING-DT	Seattle	47-35-55	122-20-59
WV	28+	0.95		W28AS	Wheeling	40-03-41	80-45-08

The LPTV-17 in Suffolk Co., Long Island, NY appears to be a legitimate LPTV, but it doesn't appear in the FCC Database. So far, it's only been seen with a test pattern marked "Coming Soon".

Stations deleted/dismissed/off air/etc.

St	Call	St	Call	St	Call	St	Call	St	Call
CA	KAJB [54]	FL	WLCB [45]	TX	K35EU	TX	K40EX		

KWDC [56] Tacoma, WA; KRPA [44] Rancho Palos Verdes, CA; and WLFB [40] Bluefield, WV have been denied extensions of their construction permits and are presumably dead.

Call changes

Was:	Now:	City:	Ch	Was:	Now:	City:	Ch:
------	------	-------	----	------	------	-------	-----

New	WBJH	Tuscaloosa, AL	23	K18FF	KMMA-LP	S.L.Obispo, CA	18
KPSP-LP	KDPX-LP	Cathedral City, CA	45	W33AR	WFBN-LP	Rockford, IL	33
KDPX-LP	KPSP-LP	(see above)	58	New	WBJE	Christiansted, VI	15

Programming changes

<u>Call</u>	<u>Location</u>	<u>Programming</u>
CH4083 [25]	Hobbema, AB	from WTOL [11] to Discovery Ch.
KKYK-LP [22]	Little Rock, AR	new, WB. Has local news!
KDPX-LP [45]	Cathedral C., CA	from independent to Pax.
KPSP-LP [58]	Cathedral C., CA	from Pax to independent.
KCAH [25]	Watsonville, CA	sold to KTEH [54], PBS.
WLWA-LP [14]	Lakeland, FL	translates WACX [55], TBN.
W20AY	Melbourne, FL	Spanish music videos // W61DD.
W25BF	Miami, FL	Box.
W55BV	Miami, FL	CBS Telenoticias. (Spanish-language all-news channel)
W61DD	Miami, FL	Spanish music videos.
W56AZ	Rock Harbor, FL	translates WPBT [2], PBS.
W56DV [51]	Tallahassee, FL	Box. (still on ch. 51, ex-W51CO)
K67FM	Omaha, NE	sold to Catholic organization.
K18DY	Hillsboro, NM	from KOAT [7] to KASA [2], Fox.
K23EK, K35EO	Hobbs, NM	sold to KASA [2], Fox.
K46DP	Norman, OK	to be Daystar religion when built.
XHRIO [2]	Matamoros, TM	to lose Telemundo affiliation when KTLM [40] comes on.
K20FK	Brownsville, TX	Pax.
K35EU	C. Christi, TX	Tejano videos // KTMV-LP ch. 8.
K15EZ [25]	Laredo, TX	Pax.
K28FL	McAllen, TX	sold to "Faith Pleases God Church"
K35ES	McAllen, TX	Pax.
K06MY	Rio Grande C.,TX	sold to "Faith Pleases God Church"
KTLM [40]	Rio Grande C.,TX	to be Telemundo when built.
K07WU	Uvalde, TX	sold to "Faith Pleases God Church"
WBJE [15]	Christianstd, VI	sold to Pax.

Two other low-power channels at Hobbema, Alberta changed from WTVS [56] and TNN to WUHF [31] and A&E - unfortunately, I don't list any stations there as having carried WTVS or TNN, so I don't know which ones changed.

Forum & Other Stuff

Thanks to Fernando Garcia, Pat Dyer, Chip Kelley, Fred McCormack, Victor Frank, and Jeff Kitsko for information appearing elsewhere in this column. A lot of LPTV information had to be deleted this month, as the sheer volume of displacements was too great.

WLI-624 & "WLI-625" (latter call assumed, probably wrong) are studio-transmitter links. They use very directional antennas and will be quite difficult to DX unless you're in the right direction. I'm sure there are more of these out there, not sure how to figure out where they are!

Three important new DTV rules have been enacted:

- Only stations which held a license or CP on April 3, 1997 will receive a second channel for DTV. Stations whose application was granted later (even if filed before) will not receive a second channel. Such stations may choose whether to use the single channel they were granted for NTSC or DTV broadcasts. If they choose to start with NTSC, they may switch to DTV at any time during the transition period. This affects quite a few recent stations, including the new channel 2 operation in Texas which now definitely will operate on channel 2 - though whether as analog or digital remains to be seen!
- Stations granted NTSC power increases after April 3, 1997 will not receive an automatic increase in DTV power to replicate their new NTSC coverage. They may apply for a DTV power increase in a separate application, which will be granted if no interference would be caused. Applications to modify existing NTSC stations will only be granted if no interference - either to NTSC or DTV operations - would be generated.
- Minimum-schedule regulations have been established. DTV stations built before the deadline for the station's market size have no minimum operating schedule - they may take long dark periods if they desire. After the deadline passes, the DTV station must be operated for the same hours as the associated NTSC station.

In a separate action, the FCC has finally deleted the channel 32 allocation at Kansas City and replaced it with channel 29. KCWE [29] has been operating on that channel with a special temporary permit; technically, it's a channel 32 station and is listed that way in the FCC database. However, channel 32 cannot be used at the Kansas City antenna farm. (it's too close to KBIN [32] Council Bluffs, Iowa) In a similar situation, WXTV-LP Philadelphia operated on channel 35 for many years until it was bumped by WYBE [35] there. It moved to channel 42 under special temporary authorization, and is still there today. (though listed in the FCC DB on channel 35) It is now about to be bumped from channel 42 by WTXF-DT, and has filed an application for channel 28. This station will have operated on channel 42 for nearly 10 years, but will never officially hold a channel 42 license!

One of Dan Oglethorpe's locals in Shreveport has taken up a rather boring programming format... KADO-LP [15] had been running "America's Voice" - then, for a few weeks, a continuous Dish Network infomercial. In early March, they just started broadcasting a black screen -- occasionally interrupted by John Hagee's religious program from San Antonio...

More interesting uniDs at Fernando Garcia's location in northeast Mexico... One on channel 40 has been seen airing Azteca 13 on a Laredo heading. During a tropo opening to Florida, two more were seen: a channel 69 with continuous prayer and a (918) area code phone number (this sounds like the Oral Roberts program, I'll bet it's W69AY Alachua) and a channel 57 with The Box.

"This channel 17 on Long Island joins 4 other translator/LPTVs which I have added to my database, but which appear to be completely absent from the FCC database." Those are previous TV News editor Fred McCormack's comments after reading about this "mystery" channel 17 station. The other four include a channel 28 in Aberdeen, SD relaying KDLV [5]; a channel 47 in South Shore, SD also with KDLV; W64CG in Hessel-Pickford, MI (WGKU [45] translator); and W43BR Baraboo, WI with America One.

I suppose the "TransGuide" LPTV in San Antonio on channel 54 would fall into this category. A few months ago, Pat Dyer noted it had added a logo and the calls K54FA - calls which are not in the FCC database. The logo and calls have now been removed from the channel 54 signal. I note that KTRG [10] translator K52EA has applied to move to channel 54..

Chip Kelley alerted me to the "Z-TV" LPTVs in South Texas adding a Pax logo to their web page. Fernando is now seeing K20FK, indeed with Pax. Their station in Laredo is K15EZ with an application to move to channel 25 - I do not have any indication that the application has been acted on, but their Web page says the station is, in fact, on channel 25. The FCC does act quite quickly on LPTV displacements.

On a similar subject, Fernando has also seen W56DV Tallahassee, Florida -- on channel 51. This was W51CO, but is being displaced by WBIF [51] Marianna, FL. It's already been granted a move to channel 56 and new calls. However, it would appear they have not yet completed the move. I would expect to see more of this, LPTVs "disappearing" from the database because of channel displacement, and showing up on the "wrong" channels.

The skip season is just about to fire up; indeed, the first openings should hit before you get your next VUD. Here's hoping for a barn-burner!

Canadian DTV Channel Plan

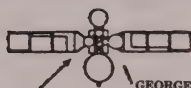
NT	Hay River	CBEET-1	7	15	NT	Yellowknife	CH4127	13	14
NT	Inuvik	CHAK	6	9	NT	Yellowknife	CFYK	8	7
ON	Alvinston	CHCH-2	12	24	ON	Oshawa	CHEX-2	22	48
ON	Atikokan	CBWCT-1	7	16	ON	Ottawa	CHCH-1	11	33
ON	Bancroft	CIII-2	2	8	ON	Ottawa	CJOH	13	58
ON	Barrie	CBLT-1	16	10	ON	Ottawa	CICO-24	24	20
ON	Barrie	CKVR	3	33	ON	Ottawa	CBOT	4	25
ON	Barrie	CBLFT-11	55	42	ON	Ottawa	CHRO-43	43	68
ON	Barry's Bay	CBOT-2	19	26	ON	Ottawa	CIII-6	6	12
ON	Belleville	CBLFT-13	15	57	ON	Ottawa	CFMT-2	60	66
ON	Belleville	CICO-53	53	51	ON	Ottawa	CITY-3	65	67
ON	Brighton	CKWS-1	66	62	ON	Ottawa	CBOFT	9	62
ON	Chapleau	CBLFT-22	13	18	ON	Owen Sound	CICA-12	12	11
ON	Chapleau	CBCU	7	26	ON	Owen Sound	CIII-4	4	25
ON	Chapleau	CITO-4	9	43	ON	Paris	CIII	6	30
ON	Chatham	CBLFT-10	48	63	ON	Parry Sound	CICE-11	42	31
ON	Chatham	CICO-59	59	33	ON	Pembroke	CHLF-13	17	39
ON	Chatham	CBLN-3	64	65	ON	Pembroke	CICE-16	29	28
ON	Cloyne	CICO-92	55	10	ON	Pembroke	CBOT-6	3	43
ON	Cornwall	CJOH-8	8	45	ON	Pembroke	CJOH-47	47	36
ON	Deseronto	CJOH-6	6	49	ON	Pembroke	CHRO	5	7
ON	Dryden	CBWFT-9	6	45	ON	Penetanguish	CBLFT-15	34	36
ON	Dryden	CBWDT	9	47	ON	Penetanguish.	CICA-51	51	29
ON	Elliot Lake	CBLFT-6	12	61	ON	Peterborough	CHEX	12	34
ON	Elliot Lake	CICI-1	3	60	ON	Peterborough	CICO-74	18	24
ON	Elliot Lake	CBEC	7	67	ON	Peterborough	CIII-27	27	30
ON	Fort Albany	CBLDT	8	7	ON	Peterborough	CBLFT-12	44	61
ON	Fort Erie	CIII-55	55	60	ON	Peterborough	CFTO-54	54	60
ON	Fort Frances	CBWFT-11	15	41	ON	Prescott	CKWS-2	26	3
ON	Fort Frances	CBWCT	5	48	ON	Red Lake	CBWET	10	49
ON	Foymount	CBOT-1	59	50	ON	Sarnia	CBLN-2	34	51
ON	Geraldton	CBLAT	13	48	ON	Sarnia	CKCO-3	42	27
ON	Geraldton	CBLFT-26	7	33	ON	Sarnia	CIII-29	29	55

ON	Gogama (1)	CBLFT-21	12 23	36 22	ON	Sarnia	CBLFT-17	68	67
ON	Hamilton	CHCH	11	18	ON	S. Ste Marie	CIII-12	12	16
ON	Hamilton	CITS	36	21	ON	S. Ste Marie	CHBX	2	11
ON	Hawkesbury	CHLF-2	39	31	ON	S. Ste Marie	CICO-20	20	25
ON	Hawkesbury	CICO-96	48	52	ON	S. Ste Marie	CBLFT-20	26	23
ON	Hearst	CITO-3	4	42	ON	S. Ste Marie	CHCH-5	38	32
ON	Hearst	CBCC	5	40	ON	S. Ste Marie	CJIC	5	21
ON	Hearst	CBLFT-5	7	41	ON	Severn Falls	CHCH-3	67	44
ON	Huntsville	CKCO-4	11	40	ON	Sioux Lookout	CBWDT-1	12	51
ON	Huntsville	CICA-13	13	5	ON	Stevenson	CIII-22	22	6
ON	Huntsville	CBLT-2	8	56	ON	Sturgeon Falls	CBLFT-1	7	58
ON	Kapuskasing	CITO-1	10	58	ON	Sudbury	CFGC	11	65
ON	Kapuskasing	CBLFT-4	12	8	ON	Sudbury	CBLFT-2	13	47
ON	Kapuskasing	CFCL-3	2	59	ON	Sudbury	CICO-19	19	50
ON	Kearns	CITO-2	11	28	ON	Sudbury	CHLF-1	25	20
ON	Kearns	CFCL-2	2	64	ON	Sudbury	CHCH-4	41	39
ON	Kenora	CJBN	13	16	ON	Sudbury	CICI	5	8
ON	Kenora	CBWFT-7	2	50	ON	Sudbury	CKNC	9	68
ON	Kenora	CICO-91	44	14	ON	Temagami	CBCQ-1	15	18
ON	Kenora	CBWAT	8	53	ON	Thunder Bay	CBLFT-18	12	52
ON	Kingston	CKWS	11	69	ON	Thunder Bay	CKPR	2	49
ON	Kingston	CBLFT-14	32	63	ON	Thunder Bay	CHFD	4	54
ON	Kingston	CICO-38	38	64	ON	Thunder Bay	CICO-9	9	46
ON	Kitchener	CKCO	13	7	ON	Timmins	CHCH-7	11	44
ON	Kitchener	CICO-28	28	55	ON	Timmins	CIII-13	13	52
ON	Kitchener	CBLN-1	56	67	ON	Timmins	CITO	3	54
ON	Kitchener	CBLFT-8	61	49	ON	Timmins	CFCL	6	27
ON	Little Current	CBCE	16	6	ON	Timmins	CICA-7	7	14
ON	London	CFPL	10	57	ON	Timmins	CBLFT-3	9	48
ON	London	CICO-18	18	60	ON	Toronto	CICA	19	63
ON	London	CBLN	40	23	ON	Toronto	CBLFT	25	20
ON	London	CBLFT-9	53	3	ON	Toronto	CIII-41	41	65
ON	London	CFMT-1	69	47	ON	Toronto	CFMT	47	68
ON	Manitouwadge	CBLFT-25	15	36	ON	Toronto	CBLT	5	64
ON	Manitouwadge	CBLAT-1	8	28	ON	Toronto	CITY	57	66
ON	Marathon	CBLAT-4	11	44	ON	Toronto	CFTO	9	40

More to follow next month.

Doug Smith (W9WI)
1385 Old Clarksville Pike
Pleasant View, TN 37146-8098
w9wi@bellsouth.net





SATELLITE NEWS

GEORGE W JENSEN
4604 ANN TANA AVE
BALTIMORE MD 21206-4220

Greetings again. More changes and an announcement of the birth of a new bird - Telstar 7 - a C and Ku Bird located between G3 and G7 at 93 West.

I am also indicating services that can only be noted when using on of the generic digital settings. This will only be done from time to time when I have the time 2 surf the 300 to 570 channel placings and the fact that not every designator works with every satellite - you have to experiment. Also be aware that many of the items listed are not in a clear viewing access code - e.g. - they are acrambled?...

Now to the additions and deletions for this month.

Galaxy 1 - delete 16 Turner Classic Movies - now elsewhere.

118 and 120 - HBO HDTV - High Resolution Television Testing
On generic designator CG

380 - CNN-FN 381 -CNN-SI 383 - Turner Classic Movies

Satcom C2

10 - now America's Store

500, 1 ans 2 - delete PAXNET

621 - Nick Games and Sports

622 - Nick Too East

623 - Nick Too West

781 - Direct 2 U - Infomercials

The NEW MUSIC CHOICE LINE-UP

820 - Showcase 1

821 - Showcase 2

822 - Origens (sic)

823 - New Releases

824 - American Originals

825 - Sounds of The Season

826 - For Kids Only

827 - World Beat

828 - Body and Soul

829 - Classic R and B

840 - 80's Power Hits

841 - 70's Power Hits

842 - Solid Gold Oldies

843 - Today's Country

844 - Classic Country

845 - Big Band

847 - easy listening

848 - Classical Masterpieces

849 - Light Classical

830 - R&B Hits

832 - Dance

833 - Metal

832 - Rap out of order

834 - Alternative Rock

835 - Progressive

836 - Classic Rock

837 - Rock Hits

838 - Soft Rock

839 - Hit List

850 - Atmospheres

851 - Lite Jazz

852 - Jazz

853 - Blues

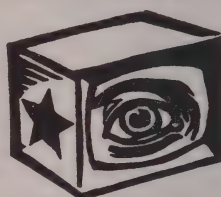
855 - Contemporary Christian

856 - music latina

857 - tropical

858 - Mexicana

859 - Tejano



Satmex 5

24 - digital - using CG designator the following are in-the-clear

560 - edusat 561 - Edusat

562 - ITESM - Canal 2

563 - edusat 564 - Canal 15 - also Classic Arts Showcase

565 - Canal 22 - Imevision 566 - Edusat 567 - Edusat

568 - Kids Discovery En Espanol 569 - Canal 22 - NO AUDIO

ANIK E2 - Ku Band

299 - Star Choice

add unidentified channels 995, 996, and 997

GE AMERICOM 1

digital using generic CG -

ALL PBS - 140, 141, 142, 146, 150, 157, 158 and 159



TELSTAR 5

Using CF generic - the following digital
Pay-Per-View on 120 - 127, 140 - 147, 160 - 169
Cable Video Store Barker on 172

180 - No ID

181 - Adam and Eve 182 - Spice 183 - Hot Spice

GALAXY 3

delete - RAI - Rome, Italy from 12 - see later

TELSTAR 402

7 - delete Exxxotica and add GONZO X VC2

G E AMERICOM 2

3 - RAI - Rome, Italy International

SBS 6

digital designators 100, 200, 300, 400 have been added
and I don't know why.

That's all for this month - see you in 30 - GOOD DX and "73's

Proge



SOUTHERN FM DX

John Zondlo - 4009 Driftwood Circle - Yukon, OK 73099

E-mail: Jpzondlo@aol.com - Deadline: 10th

For DXers in AL, AR, AZ, CA, CO, DE, DC, FL, GA, HI, KS, KY, LA, MD, MS, NC, NV, OK, SC, TN,
TX, UT, WV and Mexico

Luke Steele

437902 E 278 Rd

Vinita, OK 74301

(918) 256-8786

CST

John Zondlo
4009 Driftwood Circle
Yukon, OK 73099
JPZONDLO@AOL.COM
CST

Akai AT-VO4 tuner (modified with 2 150 kHz IF
filters), Channel Master Stereo Probe 9 antenna.
All new.

DX-390 w/whip antenna.

1/26 Tr

1158 KOZN 102.1 MO Kansas City, "Star 102 Kansas
City"

2/7 Tr

1906 KBRS 104.9 AR Springdale, p, "104-dot-9, The
X"

1914 KFAY 98.3 AR Bentonville, k, "Northwest
Arkansas' FM 98"

2/10 Tr

0730 KKQY 101.9 KS Hayes, nx, Hayes ads, LOUD!

0803 KFGE 98.1 NE Milford, k, "Froggy 98"

0806 KWRD 94.9 TX Dallas, rl

2/25 Tr

1032 KIYS 98.9 OK Oklahoma City, "Kiss FM"

1035 KSPI 93.7 OK Stillwater, p, "The Spy"

2/26 Tr

2221 KMRT 106.7 TX Granbury, SS

2/26 Tr

0847 KGKL 97.5 TX San Angelo, calls, k

0930 KAQD 91.3 TX Abilene, AFR

1103 unID 97.7 ?? ??, k, "Power 97"



From the Editor

Wow, an all-Sooner column this month. Nice to
know we have at least a little DX here in the
heartland.

Hopefully you've had at least one good
opening by now. And maybe we'll even get a skip
opening or two before the month is over.

See y'all next month!

Check it out!

FM DX Web

<http://members.aol.com/fmdxweb>

WESTERN TV-DX

April 1999

John Ebeling, 9209 Vincent Ave. So., Bloomington, MN 55431

Time once again for my "annual" report regarding my DXing activity from the island of Barbados. This year the band was quite active; I hope it will be reflected in a better TV/FM season this year.

All times are in local Barbados (Atlantic Standard) time.

Jan. 29 19:00-22:30 Es on ch 2-6. Spanish audio on ch 4
Jan. 30 20:45 Very strong Es ch 2-5
22:50 Ch 4 int pix, Spanish audio, splotches of color in pix
23:00-24:00 FM band 92.1 stereo; 96.9 stereo in French. Many FM stations in w/fading.
Jan. 31 00:25 Ch 4 still in with audio
21:30 Ch 2&4 active, but nothing like Jan 30.
Feb. 1 19:30 Es ch 2-5
21:30 Ch 2-5 strong, weak pix and audio on 4; audio on 2
22:00-22:30 FM good to 102.1. 91.1 heard Brazil mentioned 3 times. Also reference to S. America.
23:00 Caracas Venezuela heard 3 times on 90.1 FM
23:45 Fading out
Feb. 2 19:30 Es ch 2-6
23:00 Weak Es 2-4
Feb. 3 No Es
Feb. 4 18:00 No Es
22:00 Es 2,3,4,6. Ch 4 again good w/pix at times. FM active. Es gone @ 23:00
Feb. 5 23:40 Weak Es Ch 2-4
Feb. 6 18:30 No Es. Also no Es @ 22:48
Feb. 7 19:00 No Es
20:00 Es ch 2-4, lasting until 23:30. Sao Paulo heard on 91.3 FM during opening.
Feb. 8 18:15 No Es
22:15 Es 2-4. Spanish audio & Int. pix on 4. On FM, 89.1 & 94.7 heard with San Juan mentioned. FM atlas lists WCOM Bayamon PR as like (near San Juan), but 89.1 is a XLTR-not likely to make the trip!!
23:45 Opening fading.
Feb. 9 19:20 Weak Es on 2; gone by 23:30.
Feb. 10 14:29 Weak Es on 2
20:00-23:00 Es 2-4.
Feb. 11 19:30 No Es
22:30 No Es

That's the trans-equatorial Es report for 1999. There were a lot of times when I was around to check conditions; after all, it was a vacation!! Antenna was rabbit ears & set was a Samsung Model TC9865T8 built in Mexico in 1991.

Danny Oglethorpe, P.O. Box 6688, Shreveport, LA 71136-6688 E-mail: doglethorpe@yahoo.com

Victor Frank
12450 Skyline Blvd.
Woodside, CA 94062-4554
e-mail frank@horizon.sri.com
(650)851-7031

No relogs under 400 miles; no LPTV relogs under 200 miles. Only the most productive day for Es each week.

February 1999				UTC
3 Es	2333	XHFM	2 VER Veracruz	900
		unIDs	2, 4,	
4 Es	0020	XHAJ	5 VER Veracruz; ID supered	900
	0142	XEWO	2 JAL Guadalajara; local ads	1003
	0435	WBAY	2 WI Green Bay; News	892
9 tr	0615	XERV	9 TAM Reynosa; very weak	513
18tr	0725	Atlanta	GA area 34, 36, 46,	551+
		WTBS	17 GA Atlanta; TBS	551
		WHSG	63 GA Monroe; TBN	590
		WUPA	69 GA Atlanta; UPN	551
		WIAT	42 AL Birmingham	410
		Montgomery	AL 20, 32	436
		WTJP	60 AL Gadsden; TBN	461
		WJSU	40 AL Anniston; 33/40	468
		WCIQ	7 AL Mount Cheaha; APT ID	469
			Valley 7, 17, 23; No sign of XERV-9(odd)500+	

Jeff Kruszka, 5024 S. Braxton Ave., Baton Rouge, LA 70817

January 1999				CST
26 tr	0724	WFTXt	36 FL Fox kids	
27 tr	0716	WNGM	34 GA the Box	515
	0718	WTJP	60 AL TBN	390
	0721	WFTX	36 FL Spiderman	620
	0725	WBHS	50 FL	550
	0728	WFTS	28 FL local ads	550

February 1999				
18 tr	0708	WFIQ	36 AL Barney, //41	360
	0711	WZDX	54 AL Fox Kids, logo on screen	400
	0713	WAFF	48 AL NBC	400
	0715	W67CO	67 AL TBN, right heading	400
	0719	WNAB	58 TN WB, ID	465
	0723	WPXX	50 TN Pax	325
28 tr	2328	XHORT	14 TA SS	
	2329	XHAB	7 TA ID on screen	505
	2347	KEDT	16 TX PBS	425
	2348	XHFOX	17 TA Fox 17, NYPD Blue	535

March 1999				
1 tr	0710	KVEO	23 TX NBC	500
	0714	KMBHt	60 TX color bars	
	2001	XHREY	12 TA local ads, canal treice	535
2 tr	0706	WFTXt	36 FL Fox	
	0707	WFTS	28 FL ABC 28, local ads	550
	0709	WSFP	30 FL Barney	620
	0713	WBHS	50 FL HSN	550
	0715	WJEBt	59 FL TBN	

Western TV DX

Dennis Park Smith, 3703 Dixon Street, Santa Barbara, CA 93105-2419 (805)687-7803

This report is for February 1999. Precipitation has been below normal this winter with inversion layering existing between what infrequent storminess there was, on Southern California tropo to San Diego/Tijuana (up to 200 mi/320 km). Temperatures have been mild most of the time (not cold or hot), so signals were only poor-fair at best.

- Feb 1: None (Calming after rain Jan 31)
- Feb 2-3: Variably poor-very poor
- Feb 4-11: None (Cold front; some rain)
- Feb 12-13: Very poor (Calm/stable but cool)
- Feb 14-20 AM: None
- Feb 20 aft: Briefly fair to SDiego (175-185mi), no Tijuana (Feb 19-20 calm, hazy)
- Feb 20 eve-24 am:None (Front&wind late 20/early 21)
- Feb 24 eve: Briefly poor
- Feb 25-26 am: None (Weather front)
- Feb 25 eve-28: Variably ppor-fair (Mild&calm, continuing into March)

There is a new local station on the air, first seen February 12 and on 24 hours a day since then. It has color-bar test pattern with ID as "K49EK Channel 49 Santa Barbara" and no programs yet.

Best of DX to All. Dennis

Fernando Garcia, San Salvador 415, Rincon de la Sierra 67181 Cd Guadalupe, NL, MEXICO
ac001984@acnet.net

Equipment: Sony KV-27EXR15,Screened CM 7'dish 85',RG11, UA900 amp. Sony KV-13TR27,CM 1110 30',CM 8 bay UHF array 60'.

1800' ASL, No re-logs in the same month, only tropo 500+ miles, FTD is furthest tropo of the day.

February 1			CST
2230	KADN	15 LA Lafayette	586
February 3			
0615	KXTX	39 TX Dallas	518
February 5			
	KDTX	58 TX Dallas	518
February 6			
0545	KLPB	24 LA Lafayette	567
	SAP same as MAIN		
	KVHP	29 LA Lake Charles	530
	KETK	56 TX Jacksonville	532
0600	WVLA	33 LA Baton Rouge	633
	WMAU	17 MS Bude	697
2130	WLAE	32 LA New Orleans	694
	WGNO	26 LA New Orleans	694
	WPXL	49 LA New Orleans	688
	WNOL	38 LA New Orleans	694
2200	WUPL	54 LA Slidell	705

WLPB		27 LA	Baton Rouge	638
SAP w/NOAA WX radio				
February 7				
0015	WGMB	44 LA	Baton Rouge	633
0830	K31EX	31 TX	San Antonio	283
Infomercials, thanks P. Dyer for confirming program				
1130	K58EUt	58 TX	San Antonio	
Spanish music videos				
February 8				
0530	KLAX	31 LA	Alexandria	618
0545	KFXK	51 TX	Longview	557
	KLNM-LP	42 TX	Lufkin A1	520
0600	KLTS	24 LA	Shreveport	616
	KPXJ	21 LA	Minden	640
0615	KMCT	39 LA	West Monroe	679
0645	WNTZ	48 MS	Natchez	670
2130	FTD	LA	New Orleans	694
February 9				
0115	WPML	15 AL	Mobile	838
February 10				
0600	KMPX	29 TX	Decatur	537
0700	KWHB	47 OK	Tulsa	765
0715	KPXD	68 TX	Arlington	518
	KDAF	33 TX	Dallas	518
0730	KDFI	27 TX	Dallas	518
	KTXA	21 TX	Fort Worth	518
	KHSX	49 TX	Irving	518
	KXAS-DT	41 TX	Fort Worth	
1945	KAUT	43 OK	Oklahoma City	706
	KOPX	62 OK	Oklahoma City	705
February 11				
0415	K46DG	46 LA	Lafayette	587
	KAJN-LP	40 LA	Lafayette	586
	WDBD	40 MS	Jackson	754
	K49DE	49 LA	New Iberia	596
	WAPT	16 MS	Jackson	754
	KLTL	18 LA	Lake Charles	548
0430	K69HD	69 LA	Church Point	586
	WMPN	29 MS	Jackson	747
February 13				
0900	KFWD	52 TX	Fort Worth	522
February 15				
2130	FTD	MS	Bude	697
February 16				
0145	FTD	AL	Mobile	838
February 17				
0715	FTD	TX	Fort Worth	522
February 18				
0200	WCFT	33 AL	Tuscaloosa	924
0515	K66FI	66 LA	Opelousas TBN	599
	WIIQ	41 AL	Demopolis	877
0545	WIAT	42 AL	Birmingham	969
	WATL	36 GA	Atlanta	1104
	KLFT-LP	21 LA	Lafayette	592
0600	WGBC	30 MS	Meridian	834
	WMAW	14 MS	Meridian	807
	WXVT	15 MS	Greenville	794
0615	WEIQ	42 AL	Mobile	825
0645	WMPV	21 AL	Mobile	842
0700	WMAH	19 MS	Biloxi	770
	WHNO	20 LA	New Orleans	688
	WXXV	25 MS	Gulfport	764

Western TV DX *F. Garcia's report continues*

February 19

1930 KPXL 26 TX Uvalde 284
Continues calls bottom left

February 20

0030 KWBj-LP 39 LA Morgan City WB 618
later paid adv on screen and NOAA wx on audio

0530 K30EM 30 LA Houma 644
0545 K59DG 59 LA New Orleans 688
TBN

0600 K55HA 55 LA New Iberia 596
0645 WBZL 39 FL Miami 1243

WHFT 45 FL Miami 1244
WAMI 69 FL Hollywood 1242

WBFS 33 FL Miami 1242
WSCV 51 FL Fort Lauderdale 1242

0700 WXL 42 FL West Palm Beach 1238
WFLX 29 FL West Palm Beach 1238

WFGC 61 FL Palm Beach 1248
W58BU 58 FL Hallandale 1243

K20FKI 20 TX Brownsville
strong and steady unid vertical Bars

0715 WTVK 46 FL Naples 1153
WTCE 21 FL Fort Pierce rare 1231

WFTX 36 FL Cape Coral 1142
0730 WLTV 23 FL Miami o/u KVEO-23 1242

0800 WPXP 67 FL Lake Worth 1248
WTGL 52 FL Cocoa 1200

WBBH 20 FL Fort Myers 1144
0915 WGCU 30 FL Fort Myers 1144

Had to leave four hours
1315 WXPX 66 FL Bradenton 1115

WBHS 50 FL Tampa 1116
WTTA 38 FL St. Petersburg 1116

1330 WWWWB 32 FL Lakeland 1135
WZVN 26 FL Naples 1153

WTOG 44 FL St. Petersburg 1116
Opening was good until 4 PM

February 21

0845 FTD TX Dallas 518

February 22

0615 WPAN 53 FL Fort Walton B. 869
WHBR 33 FL Pensacola 838

February 25

2145 FTD LA Baton Rouge 634
2200 K20FK 20 TX Brownsville 168
PAX

February 26

0645 WRBW 65 FL Orlando 1192
Tampa area TV's were not in at times, over
the same as path as Orlando.

WMFE 24 FL Orlando 1191
WKCF 18 FL Clermont 1192

0700 WBSF 43 FL Melbourne 1200
WBCC 68 FL Cocoa 1200

February 27

0630 W56CN 56 FL Venice 1106
w/WWWB-32

rare narrow duct, at times this station was the
only Florida tropo DX catch.

WBSV 62 FL Venice 1107

0645 WFTS 28 FL Tampa 1116
local ch 28 signs on at 7 AM on Sat. & Sun.

WUSF 16 FL Tampa 1116
0715 WOGX 51 FL Ocala 1123

WCJB 20 FL Gainesville 1121
WGFL 53 FL High Springs 1112

WACX 55 FL Leesburg 1180
0745 WOPX 56 FL Melbourne 1189

FTD FL Miami 1243
0900 WCEU 15 FL New Smyrna B. 1191

Had to leave
1800 XH 8 NL? ?w/XHMT-7, local out,
SE heading.

KGNS-8 also in, this was a semilocal before
my local lptv sign on to be 24 hrs on the air.

February 28

2145 WPXM 35 FL Miami 1237
SAP different audio

2200 W61DD 61 FL Miami 1244
SS mx videos, Ritmo Latino

mostly over WFGC
2215 W55AM 55 FL Big Pine 1182

2230 W25BF 25 FL Miami The BOX 1244
WJAN-LP 41 FL Miami 1230

SS, SAP same as MAIN

This opening extended into March 1 and 2
making it a five day in a row tropo to 1200+ mile.

73's Fernando

Jeff Kadet, K1MOD, Box 20, Macomb, IL 61455
(309)833-1809 jkadet@macomb.com

October 1998

10 tr 0325 KOPX 62OK Paxnet 510
11 tr 0100-0500 Canadians on chs. 22,29,40,53,
57,61,59,61,69,54,31,19,68

0144 CBLFT12 44 ON Peterborough
warble TT 689

0209 unID 22z religion to Huntsville
0252 CITS 36+ ON Hamilton; religion 593

0310 KTBU 55TX Conroe "The Tube" 750
0321 KXAN 36TX 806

0339 KNVA 54TX Austin 809
0350 KXAM 14TX Llano 807

November 1998

17 MS 0453 CKCK 2 SK TP 959
25tr eve unID "WB-34" 34 north

WKOW-DT 26 WI see note #1 191

December 1998

02 tr 0432 Dallas-Ft. Worth UHF 640
OH LPTV/xltrs

0650 lots of ALs
11 tr 0846 KDAO-LP 45z IA Marshalltown 161

station #1700
30 Es 1825 WESH 2 FL 956

muf ch.6 briefly

Western TV DX *Jeff Kader's report concludes*

Note #1: Had to drive up to Madison to be sure this is what I was seeing. Looks just like snow through a pre-amp with a slightly high noise figure. Although they cover 26-Green Bay's video, I can still get Green Bay audio by using FM narrow on the 7100.
73, Jeff

Mike Cherry, VE7SKA, Box 631 Ganges PO, Salt Spring Is. BC V8K 2W2 CANADA

February 19, 1999 UTC
0430 AuEs KTUU 2 AK Anchorage 10°

Victor Frank, K6FV, 12450 Skyline Blvd, Woodside, CA 94062-4554

Continuing from last month the bandscan of our motor trip to Portland, OR. last Christmas. This is a listing, by channel, of the stations north of Sacramento, CA that we heard. This month, the channel offset (N,-,Z,+) is that assigned, as determined from Doug Smith's FCC listings. The number in parenthesis is the offset in kHz of the video carrier I measured with a R-7100 that has been ~3 kHz high, and was even higher in the car when cold. (The actual video carrier frequency offset is lower than read, probably by 3-5 kHz). Offsets with ± were inconsistent between loggings and may be due to more than one station or drift. Also listed is the transmitter ERP in kW, and the furthest distance in km at which we detected the video carrier.

K51BP	51N (241)	1.00	CA	Palermo	77
KMOR	51N (256)	10.9	OR	Eugene	128
K52EE	52N (251)	1.17	OR	Medford	20
K52CV	52N (248)	0.34	OR	Cottage Grove	18
K53CU	53N (262)	12.6	OR	Roseburg	14
KAMK-LP	53+ (261)	36.3	OR	Eugene	167
K54ED	54Z (249)	31.6	CA	Redding	120
K54DM	54N (257)	0.577	OR	Grants Pass	7
K54CL	54N (247)	0.34	OR	Cottage Grove	15
KPXG-LP	54Z (248)	14.5	OR	Portland	133
K55HR	55+ (250)	20.0	CA	Chico	119
K55DQ	55N (249)	0.034	OR	Gold Hill	32
K55HS	55N (249)	10.3	OR	Salem	73
K56FN	56Z (253)	1.30	OR	Merlin	23
K56DK	56N (261)	0.034	OR	Cottage Grove	13
K56EI	56- (256±)	37.0	OR	Portland	132
K57EK	57Z (250)	11.9	OR	Medford	46
K57FS	57- (238)	1.3	OR	Roseburg	13
K57EL	57+ (260)	5.54	OR	Eugene	60
K58AWI	58N (249±)	0.668	CA	Lakeport	166
K58BGT	58N (250)	9.4	OR	Klamath Falls	216
K58DA	58N (262)	1.23	OR	Glendale	10
K58CT	58N (238)	0.34	OR	Cottage Grove	60
K58CO	58N (256±)	1.02	OR	Portland	54
K59AUT	59N (252)	0.34	CA	Chester	121

K59DU	59N (250)	1.3	OR	Grants Pass	10
K59DJ	59N (236)	11.7	OR	Eugene	104
K60DO	60N (273)	0.34	OR	Cottage Grove	56
K61CC	61N (253)	8.9	OR	Salem	78
K62DR	62Z (249)	0.58	OR	Roseburg	10
K62DV	62N (246)	22.1	OR	Portland	139
K63FR	63+ (260)	0.818	OR	Glide	35
K63GC	63- (240)	8.2	OR	Eugene	67
K64DK	64N (250)	0.607	CA	Yreka/Weed	84
K65DJ	65+ (263)	25.7	CA	Redding	18
K65ER	65N (241)	6.23	OR	Eugene	56
K66BF	66N (251)	0.124	OR	Roseburg	4
K66EJ	66N (251)	12.5	OR	Newberg	20
K67EX	67N (260)	1.37	OR	Rogue River	2
K68EW	68N (250)	11.8	OR	Medford	18
K68BF	68N (251)	0.723	OR	Eugene	44
K69AV	69N (254)	0.642	OR	Cottage Grove	9

For one such as I, used to clean T9 spectra, this trip was an ear opener. Multipath, especially on UHF, results in the video carrier frequency being spread over several hundred Hz. Nevertheless, there were some "distinctive" signals; hum (on K55HR, K34DF, K58DA), unstable (K40BL, K48BS, K59DJ), some way off frequency, and some probably carrying data.

Those of you wondering how I reduced pages of logs to the above summary might be interested in the following: I digitized our route from Benchmark Maps of California and Oregon. I had logged checkpoints in the middle and end of each scan, which typically went up in frequency for the video carriers and down for audio and video. I wrote computer programs to interpolate times assuming a constant speed of the car and of logging each occupied channel between these checkpoints. Average speed was used as a check which allowed me to determine "corrected" times and location for each logging. Next time, though, I would like to record GPS data.

I wrote another computer program to look up the six most likely stations for each channel based on the ERP and distance of each transmitting tower from the above locations. To save time, I had narrowed Doug Smith's database to just the Pacific coast states.

The variation of signal strength (which was one of the variables logged) with distance, video carrier frequency, and program content (when determinable) were used to choose between the six most likely stations.

It is quite possible, even likely, that there are some mistakes in the bandscan, probably due to more stations being on the air than appear in Doug Smith's listings. I would appreciate hearing of any of the stations that I have listed that was really not on the air. I have marked most of the questionables with a "q".

EASTERN TV DX

Russell Miller

HC 61, Box 86B

N. Amity, ME 04471-9622

email address - estvdx@ainop.com

April, 1999

LOCAL TIME UNLESS OTHERWISE NOTED

Jim Ayers, 2497 Wind Forest Court, Norcross, GA
30071 jimayers@raider.net

December, 1998

26 Tr 2243 WHBQ 13 TN 332

February, 1999

18 Tr 0743 WBBJ 7 TN 280
0747 WCBT 4 MS 268
0751 WMTU 16 TN 305
0756 WNPX 28 TN 180
0805 WHTN 39 TN 194
0809 WDKA 49 KY 357
0811 KBSI 23 MO 384
0812 WBKO 13 KY 250
27 Tr 0903 WGFL 53 FL 312
0917 WRXY 49 FL 513
numerous Gainesville, Tampa, Jax, Orlando &
Naples relogs

Local WSB-DT has been on-air evenings only for several weeks now. An odd schedule, and it's been nice to see DX on 39 again! 18 Feb was only the 3rd or 4th opening to KY/MO, much more interesting than the fairly frequent openings to FL producing farther DX. I keep looking for IL when KY/MO are in, but nothing yet. 73's, Jim

Roy Barstow, P.O.Box 2488, Teaticket, MA 02536

Equipment: Icom R-100, R7000 Receivers, various antenna's, SP-20 speaker w/audio filter

December, 1998

30 Es 1615 WDAF 4 MO 1270
1630 KCTV 5 MO 1269
1700 WSMV 4 TN 949
1810 WLBT 3 MS 1264

January, 1999

01 Tr 1415 CIVM 17 PQ 308
1420 CFJP 35 PQ 308
1430 CIVC 45 PQ 353
1445 CIVS 24 PQ 269
1449 CFKS 30 PQ 269
1500 CFKM 16 PQ 353
1642 CIVQ 15 PQ 361
03 Tr 1100 CKLT 9 NB 345
WMED 13 ME 288
09 Ms 0412 WCIA 3 IL 936
10 Ms 0608 WSiL 3 IL 1007
12 Tr 15, 27, 33, 43 E.VA
2200 W41AC 41 VA 410
W45BG 45 VA 456
2300 WUNM 19 NC 577

12 Tr W36BK 36 VA 400
18 Ms 0312 CHAU 3 PQ 494
21 Ms 0500 WWAY 3 NC 660
26 Ms 0540 WBTV 3 NC 715
WWAY 3 NC Same Burst 660
0601 WAVE 3 KY 834
27 Ms 0638 WSAV 3 GA 883
0900 WEDU 3 FL 1153
0906 WEDU 3 FL 1153

February, 1999

01 Ms 0336 CBHT 3 NS 408
0417 CHAU 3 PQ 494
11 Ms 0517 CBC 3 West
CKVR or CBOT ON
0536 WSAV 3 GA 883
0543 WCAX 3 VT 231
Tr 1847 17 Saying on Card
17 Long Island - Coming Soon-Stay Tuned
16 Tr 1530 W60 60 VA 410
W45BG 45 VA 456
W41AC 41 VA 410
W44AD 44 VA 410
15, 27, 33, 43 E.VA
2030 47 ¾ CB West 673.734
2200 WYDO 14 NC 562
2330 W36BK 36 VA 400
W24BI 24 VA 460
18 Tr 2100 WORK 13 NY 371

Acquired recently a used R-7000 Icom (nice rig). I compared the R-7000 to the R-100 using the Quantum ant. to a 60db isolation ab switch, 18" coax to both receivers. The SP-20 speaker can handle 2 receivers and has a switch to go from 1 radio to the other so with flicking 2 switches I go from one to the other receiver. According to the specs the R-100 has better sensitivity than the R-7000 on VHF & UHF. I found this to be true - a station will come in sooner on the R-100 and also have a little more pick-up. The R-100 has 3 antenna inputs - the R-7000 one. The audio on the R-7000 has a cleaner resonance. It has less distortion than the R-100, and at lower audio levels a station's I.D. can be picked up, whereas with the R-100 one has to wait until the audio level rises and it then becomes more intelligible. The R-7000 (no longer built) goes for around \$1,000 used and the R-100 can be had new for around \$850. Icom's new receiver R-8500 I understand is not as hot as the R-7000, 7100 or R-100 - going new for around \$1500.

Editor: Yes, Roy, I see the latest AES Catalog lists used R-7000s for around \$1,000, they list a NEW R-7000 for \$1269.95, discontinued but still available from stock (in limited quantities).

WTFDA



1999 CONVENTION

JULY 16, 17, 18
N W J E R S E Y

See "From the Staff" (this issue)
for preliminary information...
full details next month.

STATISTICS

Featuring FM/TV Scoreboards, All Time Distance Records,
States Stats and Personal Best Statistics of FM/TV DXers.

Fred Nordquist
7945 Boxford Rd
Clay, NY 13041

E-Mail: nordquist@twcnv.rr.com

3/8/99

ALL-TIME TV DISTANCE RECORDS-AS OF 3/8/99

CH	PR	CALL	LOCATION	DIST	DXER	STATE
2	ES	PRG3	BRAZIL	RIO DE JANEIRO	6843	RCO2 CA
2	ES	KEHI	AK	ANCHORAGE	3277	RSE-1 NY
2	ES	KHON	HI	HONOLULU	2717	MCH-1 BC
2	ES	TTT	TRINIDAD &	PORT OF SPAIN	2490	RM12 I ME
2	ES	WKAQ	PR	SAN JUAN	2187	PDY-1 TX
2	ES	RCTV	VENEZUELA	CARACAS	2447	RM12 I ME
2	ES	RCTV	VENEZUELA	CARACAS	2181	RBA-1 MA
2	ES	CBUT	BC	VANCOUVER	2135	FWH- PA
2	ES	WKAQ	PR	SAN JUAN	1886	RM12 I ME
2	TR	CHCT	AT	CALGARY	1250	ESH-1 KS
2	TR	WPBT	FL	MIAMI	1155	PDY-1 TX
2	TR	KETS	AR	LITTLE ROCK	787	FGA-1 INL
2	MS	KBCI	ID	BOISE	1428	WDR- WI
2	MS	KLRJ	NV	LAS VEGAS	1417	BRA-1 IL
2	MS	KTVI	MO	ST. LOUIS	1246	RM12 I ME
2	MS	WJBK	MI	DETROIT	1244	PDY-1 TX
2	AU	WCBS	NY	NEW YORK	733	WDR- WI
3	ES	PRF3	BRAZIL	SAO PAULO	5126	BBR-1 AR
3	ES	PRF3	BRAZIL	SAO PAULO	5077	RSE-1 NY
3	ES	YVVK	VENEZUELA	BARCELONA	2429	GCO- NY
3	ES	RCTV	VENEZUELA	CARACAS	2181	RBA-1 MA
3	TR	WEDU	FL	TAMPA	1109	FGA-1 INL
3	TR	WRCV	PA	PHILADELPHIA	1056	BBR-1 AR
3	TR	WSAV	GA	SAVANNAH	1055	PDY-1 TX
3	MS	KDAL	MIN	DULUTH	1468	DJO-1 TX
3	MS	KMTV	NE	OMAHA	1313	RBA-1 MA
3	MS	WKYC	OH	CLEVELAND	1284	PDY-1 TX
3	MS	KIDK	ID	IDAHO FALLS	1222	WDR- WI
4	ES	KULA	HI	HONOLULU	4254	CLU-1 IL
4	ES	KRON	CA	SAN FRANCISCO	2286	RSE-1 NY
4	ES	WAPA	PR	SAN JUAN	2193	WDR- WI
4	ES	KRCA	CA	LOS ANGELES	2190	RSE-1 NY
4	ES	WYFF	SC	GREENVILLE	2162	JPI3 J CA
4	ES	KGBT	TX	HARLINGEN	2152	RM12 I ME
4	ES	KRCA	CA	LOS ANGELES	2150	FWE- PA
4	ES	KOMO	WA	SEATTLE	2129	RSE-1 NY
4	ES	KXLY	WA	SPOKANE	1881	RSE-1 NY
4	TR	WTVJ	FL	MIAMI	1155	PDY-1 TX
4	MS	WOAI	TX	SAN ANTONIO	1435	RNI-1 RNY
4	MS	KDBC	TX	EL PASO	1355	WDR- WI
4	MS	WCIV	SC	CHARLESTON	1111	RM12 I ME
4	MS	WFBC	SC	GREENVILLE	1019	PDY-1 TX
5	ES	LR1	ARGENTINA	BUENOS AIRES	5339	BBR-1 AR
5	ES	KING	WA	SEATTLE	2129	RSE-1 NY
5	TR	WPTV	FL	W PALM BEACH	1253	FGA-1 INL
5	TR	WPTV	FL	W PALM BEACH	1146	PDY-1 TX
5	TR	KENS	TX	SAN ANTONIO	1139	CHO2 FL
5	MS	WHDH	MA	BOSTON	1427	ESH-1 KS
5	MS	WPTV	FL	W PALM BEACH	1284	WDR- WI
5	MS	KXGN	MT	GLENDALE	1263	PDY-1 TX
6	ES	CMQ	CUBA	HABANA	2428	RCO3 CA
6	ES	KHQ	WA	SPOKANE	1881	RSE-1 NY
6	TR	XETV	MEX	TIJUANA	2536	SRE-1 HI
6	TR	WTVJ	FL	MIAMI	1248	FGA-1 INL
6	TR	WCIX	FL	MIAMI	1155	PDY-1 TX
6	TR	KRIS	TX	CORPUS CHRISTI	1057	CHO2 FL
6	MS	KTVC	KS	ENSIEN	1645	GGL-1 CPQ

CH	PR	CALL	LOCATION	DIST	DXER	STATE
6	MS	WCPX	FL	ORLANDO	1151	WDR- WI
6	MS	WRTV	IN	INDIANAPOLIS	1004	PDY-1 TX
7	ES	WBKB	IL	CHICAGO	2487	UNI-1 GREEN
7	ES	WTRF	WV	WHEELING	1253	PDY-1 TX
7	TR	KTBC	TX	AUSTIN	1327	RSE-1 NY
7	TR	WSVN	FL	MIAMI	1248	FGA-1 INL
7	TR	WSVN	FL	MIAMI	1155	PDY-1 TX
7	TR	KLTV	TX	TYLER	1122	RSE-1 NY
7	MS	WCKT	FL	MIAMI	1227	TH-1 IL
7	MS	WCKT	FL	MIAMI	1225	RCO4 OK
7	MS	KOSA	TX	ODESSA	1188	WDR- WI
8	ES	KZTV	NV	RENO	1516	JBU-1 AR
8	TR	KSWB	NM	ROSWELL	1522	ACO- CUBA
8	TR	WFAA	TX	DALLAS	1187	RSE-1 NY
8	TR	WFLA	FL	TAMPA	1109	FGA-1 INL
8	MS	WMTW	NH	MT WASHINGTON	1347	BBR-1 AR
8	MS	WYUE	LA	NEW ORLEANS	1011	WDR- WI
9	ES	CMGQ	CUBA	MATANZAS	1412	ESP-1 TX
9	ES	CIPA	SA	ALTICANE	1177	JKA-1 IL
9	ES	KABY	SD	ABERDEEN	1105	PDY-1 TX
9	TR	WTVG	TN	CHATTANOOGA	1101	FGA-1 INL
9	TR	KWTW	OK	OKLAHOMA CITY	1081	RSE-1 NY
9	TR	WFTV	FL	ORLANDO	1042	PDY-1 TX
9	MS	WSOC	NC	CHARLOTTE	1111	GHA- TX
10	ES	CMTV	CUBA	HABANA	1366	ESP-1 TX
10	TR	KWTX	TX	WACO	1368	RIT-1 RNY
10	TR	KWTX	TX	WACO	1368	WHI-1 NY
10	MS	WTHI	IN	TERRE HAUTE	1086	RM12 I ME
11	ES	KTTV	CA	LOS ANGELES	1639	BRA-1 IL
11	ES	WTCN	MN	MINNEAPOLIS	1112	PDY-1 TX
11	TR	KGUL	TX	GALVESTON	1257	RSE-1 NY
11	TR	WTOG	GA	SAVANNAH	1241	FGA-1 INL
11	TR	WINK	FL	FT MYERS	1220	RBA-1 MA
11	TR	WINK	FL	FT MYERS	1140	FGA-1 INL
11	TR	WINK	FL	FT MYERS	1037	PDY-1 TX
11	MS	WBAL	MD	BALTIMORE	1183	RCO4 OK
11	MS	WTTW	IL	CHICAGO	1022	RM12 I ME
11	MS	WJHL	TN	JOHNSON CITY	1003	RM12 I ME
12	TR	WPEC	FL	W PALM BEACH	1253	FGA-1 INL
12	TR	KONO	TX	SAN ANTONIO	1139	CHO2 FL
12	TR	WTLV	FL	JACKSONVILLE	1016	PDY-1 TX
13	ES	KLAC	CA	LOS ANGELES	1628	PR-1 IN
13	ES	KSFY	FL	TAMPA	984	PDY-1 TX
13	TR	KTRK	TX	HOUSTON	1254	RSE-1 NY
13	TR	KERA	TX	DALLAS	1187	RSE-1 NY
13	TR	WTVT	FL	TAMPA	1106	FGA-1 INL
13	MS	WTHR	IN	INDIANAPOLIS	1018	RM12 I ME
14	TR	KWEG	IA	SIOUX CITY	1297	CHA-1 MA
14	TR	WEBB	SC	ALLENDALE	1251	FGA-1 INL
14	TR	KETH	TX	HOUSTON	1103	WDR- WI
14	TR	WTLK	GA	ROME	1079	FGA-1 INL
15	TR	WPDE	SC	MYRTLE BEACH	1388	FGA-1 INL
15	TR	WCEU	FL	NEW SMYRNA BEAC	1200	FGA-1 INL
15	TR	WPDE	SC	FLORENCE	1024	RM12 I ME
15	MS	KADN	LA	LAFAYETTE	1102	RSE-1 NY
16	TR	WJWJ	SC	BEAUFORT	1271	FGA-1 INL
16	TR	WJWJ	SC	BEAUFORT	1155	RM12 I ME

3/8/99

ALL-TIME TV DISTANCE RECORDS-AS OF 3/8/99

CH	PR	CALL	LOCATION	DIST	DXER	STATE
16	TR	WUSF	FL	TAMPA	1108	FGA- INL
16	TR	KEDD	KS	WICHITA	1008	RSE- INY
17	TR	WNCN	NC	GOLDSBORO	1485	FGA- INL
17	TR	WLRN	FL	MIAMI	1248	FGA- INL
17	TR	WJKS	FL	JACKSONVILLE	1178	FGA- INL
17	TR	WJKS	FL	JACKSONVILLE	1013	GHA- TX
18	TR	WCCB	NC	CHARLOTTE	1331	FGA- INL
18	TR	WKCF	FL	CLERMONT	1154	FGA- INL
19	TR	WLTN	SC	COLUMBIA	1286	FGA- INL
19	TR	WHNT	AL	HUNTSVILLE	1028	FGA- INL
20	TR	KTXH	TX	AUSTIN	1327	RSE- INY
20	TR	WCES	GA	WRENS	1194	FGA- INL
20	TR	WBBH	FL	FT MYERS	1140	FGA- INL
20	TR	WBBH	FL	FT MYERS	1105	RCO4 OK
20	MS	WHNO	LA	NEW ORLEANS	1053	RSE- INY
21	TR	WWMB	SC	FLORENCE	1360	FGA- INL
21	TR	WTCE	FL	FT PIERCE	1237	FGA- INL
21	TR	WBSG	GA	BRUNSWICK	1202	FGA- INL
21	TR	KTXA	TX	ARLINGTON	1184	RSE- INY
22	TR	WJCL	GA	SAVANNAH	1241	FGA- INL
22	TR	WCLF	FL	CLEARWATER	1087	FGA- INL
22	TR	WJCL	GA	SAVANNAH	1053	GHA- TX
23	TR	WHMC	SC	CONWAY	1391	FGA- INL
23	TR	WLTN	FL	MIAMI	1248	FGA- INL
23	TR	WLTN	FL	MIAMI	1155	PDY- ITX
23	TR	KBSI	MO	CAPE GIRARDEAU	1022	FGA- INL
24	TR	WTAT	SC	CHARLESTON	1331	FGA- INL
24	TR	KVUE	TX	AUSTIN	1327	RSE- INY
24	TR	WTAT	SC	CHARLESTON	1319	FGA- INL
24	TR	WMFE	FL	ORLANDO	1177	FGA- INL
24	TR	WGXA	GA	MACON	1117	FGA- INL
24	TR	WTAT	SC	CHARLESTON	1111	RM12 I ME
25	TR	WLOL	SC	COLUMBIA	1286	FGA- INL
25	TR	WPBF	FL	TEQUESTA	1232	FGA- INL
25	TR	WACS	GA	DAWSON	1047	FGA- INL
26	TR	WSFX	NC	WILMINGTON	1461	FGA- INL
26	TR	KVRL	TX	HOUSTON	1254	RSE- INY
26	TR	WAGT	GA	AUGUSTA	1225	FGA- INL
26	TR	WEVU	FL	NAPLES	1147	FGA- INL
27	TR	WGNT	VA	PORTSMOUTH	1808	FGA- INL
27	TR	WKYT	KY	LEXINGTON	1108	FMC- ND
27	TR	WTCT	IL	MARION	1066	FGA- INL
27	TR	WTLX	FL	TALLAHASSEE	1028	FGA- INL
28	TR	WRDC	NC	DURHAM	1453	FGA- INL
28	TR	WTGS	SC	HARDEEVILLE	1245	FGA- INL
28	TR	WFTS	FL	TAMPA	1108	FGA- INL
29	TR	WFLX	FL	W PALM BEACH	1253	FGA- INL
29	TR	WDCO	GA	COCHRAN	1121	FGA- INL
30	TR	WRAY	NC	WILSON	1497	FGA- INL
30	TR	WAWS	FL	JACKSONVILLE	1178	FGA- INL
30	TR	WFSP	FL	FT MYERS	1140	FGA- INL
31	TR	W31AU	FL	ORLANDO	1177	FGA- INL
31	TR	W31AT	FL	GAINESVILLE	1130	FGA- INL
31	TR	WFXL	GA	ALBANY	1057	FGA- INL
31	TR	WAAY	AL	HUNTSVILLE	1028	FGA- INL
32	TR	W32AB	FL	MATECUMBE	1227	FGA- INL
32	TR	WTMV	FL	LAKELAND	1140	FGA- INL

CH	PR	CALL	LOCATION	DIST	DXER	STATE
32	TR	WTMV	FL	LAKELAND	1138	RBA- MA
32	TR	WLKY	KY	LOUISVILLE	1048	FMC- ND
33	TR	WUNF	NC	ASHEVILLE	1255	FGA- INL
33	TR	WBFS	FL	MIAMI	1248	FGA- INL
33	TR	KDAF	TX	DALLAS	1167	RSE- INY
34	TR	WBJA	NY	BINGHAMPTON	1253	RCO- OK
34	TR	WTVX	FL	FT PIERCE	1237	FGA- INL
34	TR	WNGM	GA	ATHENS	1181	FGA- INL
35	TR	WRLK	SC	COLUMBIA	1286	FGA- INL
35	TR	WDLF	FL	MIAMI	1248	FGA- INL
35	TR	WOFL	FL	ORLANDO	1177	FGA- INL
35	TR	WSWB	FL	ORLANDO	1042	PDY- ITX
36	TR	WCNC	NC	CHARLOTTE	1331	FGA- INL
36	TR	KVUE	TX	AUSTIN	1327	RSE- INY
36	TR	WWMP	SC	CHARLESTON	1319	FGA- INL
36	TR	WFTX	FL	CAPE CORAL	1226	RBA- MA
36	TR	WFTX	FL	CAPE CORAL	1137	FGA- INL
36	TR	KTVV	TX	AUSTIN	1110	RFR- FL
36	TR	WATL	GA	ATLANTA	1103	FGA- INL
36	MS	KSTM	MO	ST. LOUIS	838	RWA- FL
36	TR	WSBK	MA	BOSTON	1500	RCO- OK
38	TR	W38BB	NC	RALEIGH	1460	FGA- INL
38	TR	WTTA	FL	ST. PETERSBURG	1099	FGA- INL
38	TR	WLTZ	GA	COLUMBUS	1035	FGA- INL
39	TR	WUNJ	NC	WILMINGTON	1461	FGA- INL
39	TR	KHTV	TX	HOUSTON	1254	RSE- INY
39	TR	WDZL	FL	MIAMI	1248	FGA- INL
39	TR	KXTX	TX	DALLAS	1167	RSE- INY
39	TR	KHTV	TX	HOUSTON	1103	WDR- WI
40	TR	WKFT	NC	FAYETTEVILLE	1428	FGA- INL
40	TR	WJAN-LP	FL	MIAMI	1248	FGA- INL
40	TR	WWSB	FL	SARASOTA	1099	FGA- INL
40	TR	WXL	FL	SARASOTA	1046	RCO- OK
40	TR	WTVX	FL	TALLAHASSEE	1028	FGA- INL
41	TR	WMGT	GA	MACON	1117	FGA- INL
41	TR	KWEX	TX	SAN ANTONIO	1037	JCO- FL
42	TR	WTVI	NC	CHARLOTTE	1331	FGA- INL
42	TR	KBVO	TX	AUSTIN	1327	RSE- INY
42	TR	WXEL	FL	W PALM BEACH	1253	FGA- INL
42	TR	W42AM	FL	DAYTONA BEACH	1038	RBA- MA
43	TR	WGSE	SC	MYRTLE BEACH	1398	FGA- INL
43	TR	WBSF	FL	MELBOURNE	1221	FGA- INL
43	TR	WMOD	FL	MELBOURNE	1093	PDY- ITX
43	TR	WKOI	OK	OKLAHOMA CITY	1061	RSE- INY
43	TR	WMOD	FL	MELBOURNE	1029	JKA- IL
44	TR	WTOG	FL	ST. PETERSBURG	1174	RBA- MA
44	TR	WTOG	FL	ST. PETERSBURG	1099	FGA- INL
44	TR	WTOG	FL	ST. PETERSBURG	1027	RCO- OK
44	TR	WVGA	GA	VALDOSTA	1028	RBA- MA
44	TR	KWKT	TX	WACO	1012	WDR- WI
45	TR	WHFT	FL	MIAMI	1248	FGA- INL
45	TR	KXLN	TX	ROSENBERG	1127	WDR- WI
46	TR	WJZY	NC	BELMONT	1574	FGA- INL
46	TR	WNFL	FL	NAPLES	1147	FGA- INL
46	TR	WGNX	GA	ATLANTA	1103	FGA- INL
47	TR	W47AC	FL	BIG PINE	1184	FGA- INL
47	TR	WNFT	FL	JACKSONVILLE	1178	FGA- INL

CH	PR	CALL	LOCATION	DIST	DXER	STATE
47	TR	WNFT	FL JACKSONVILLE	1019	PDY	TX
48	TR	WAFF	AL HUNTSVILLE	1028	FGA	INL
49	TR	WRET	SC SPARTANSBURG	1267	FGA	INL
49	TR	WTLH	GA BAINBRIDGE	1020	FGA	INL
50	TR	WRZA	NC RALEIGH	1400	FGA	INL
50	TR	WBHS	FL TAMPA	1109	FGA	INL
51	TR	WSCV	FL FT LAUDERDALE	1251	FGA	INL
51	TR	WKID	FL FT LAUDERDALE	1152	PDY	TX
51	TR	WAGX	FL Ocala	1138	FGA	INL
51	TR	KLMG	TX LONGVIEW	1000	RSE	INY
52	TR	WTGL	FL COCOA	1215	FGA	INL
52	TR	WTGL	FL COCOA	1080	RBA	MA
52	TR	WTGL	FL COCOA	1010	JKA	IL
53	TR	WFLJ	TN CLEVELAND	1126	FGA	INL
54	TR	WFGX	GA AUGUSTA	1225	FGA	INL
54	TR	WXTX	GA COLUMBUS	1035	FGA	INL
55	TR	WFWY	SC ROCK HILL	1313	FGA	INL
55	TR	WACX	FL LEESBURG	1140	FGA	INL
55	TR	WSST	GA CORDELE	1087	FGA	INL
58	TR	WIRB	FL MELBOURNE	1221	FGA	INL
58	TR	WFSG	FL TALLAHASSEE	1028	FGA	INL
56	TR	WLVI	MA CAMBRIDGE	1023	JKA	IL
57	TR	WACH	SC COLUMBIA	1286	FGA	INL
57	TR	W57BA	FL TAMPA	1109	FGA	INL
58	TR	WUNG	NC CONCORD	1350	FGA	INL
59	TR	W59AJ	FL MATECUMBE	1227	FGA	INL
59	TR	WJEB	FL JACKSONVILLE	1178	FGA	INL
60	TR	KVOA	TX SAN ANTONIO	1400	RSE	INY
60	TR	W80AK	FL BIG PINE	1184	FGA	INL
60	TR	WTJP	AL GADSDEN	1029	FGA	INL
61	TR	WFCG	FL PALM BEACH	1255	FGA	INL
61	TR	W81BL	FL TAMPA	1109	FGA	INL
61	TR	WDSI	TN CHATTANOOGA	1101	FGA	INL
62	TR	WFAY	NC FAYETTEVILLE	1428	FGA	INL
63	TR	W83AL	FL MARATHON	1200	FGA	INL
63	TR	WHSG	GA MONROE	1139	FGA	INL
63	TR	W83BS	FL ST.PETERSBURGH	1099	FGA	INL
64	TR	WGNM	GA MACON	1117	FGA	INL
65	TR	W85BI	GA AUGUSTA	1225	FGA	INL
65	TR	WRBW	FL ORLANDO	1193	FGA	INL
65	TR	W85BG	FL TALLAHASSEE	1028	FGA	INL
66	TR	WSWS	AL OPELIKA	1184	FGA	INL
66	TR	WFCT	FL BRADENTON	1100	FGA	INL
67	TR	W87BJ	GA SAVANNAH	1241	FGA	INL
67	TR	W87CO	AL HUNTSVILLE	1028	FGA	INL
68	TR	W88BL	NC CHARLOTTE	1331	FGA	INL
68	TR	W88CF	FL TAMPA	1109	FGA	INL
69	TR	WHYS	FL HOLLYWOOD	1251	FGA	INL
69	TR	W88AY	FL ALACHUA	1122	FGA	INL
69	TR	WVEU	GA ATLANTA	1103	FGA	INL
70	TR	K70CL	IA FT DODGE	532	FMC	IND
71	TR	W71AE	IL LA SALLE	611	RCO	OK
72	TR	W72AT	PA E TOWANDA	748	JKA	IL
73	TR	W73BU	TX BIG LAKE	302	GNE	OK
74	TR	W74AS	MI WHITE PINE	583	RSE	INY
75	TR	K75CJ	MN REDWOOD FALLS	478	GOL	IL
76	TR	CBFT1	ON KITCHENER	611	BBA	MIN

CH	PR	CALL	LOCATION	DIST	DXER	STATE
77	TR	W77AA	MI IRON MOUNTAIN	562	RKR1	IL
78	TR	K78CR	IA KEOSAUQUA	473	RCO	OK
79	TR	CITY	ON TORONTO	407	WDR	WI
80	TR	K80AW	IA DUBUQUE	610	RCO	OK
81	TR	K81AE	MN ST.JAMES	355	WDR	WI
82	TR	K82AJ	MN INTERNATIONAL FALLS	367	FMC	IND
83	TR	W83AS	WI LA CROSSE	235	JKA	IL

KEY TO DXERS INITIALS-NAME/LOCATION

DXER NAME	DXER LOCATION	STATE
ACC- ARNOLDO CORO	MARIANAO	CUBA
BBA- BUCK BATTIN	DULUTH	MIN
BBR- BEDFORD BROWN	HOT SPRINGS	AR
BRA- BARNEY RAUCH	PEORIA	IL
CHA- CHRISTOPHER HALL	SALEM	MA
CHO2 CARLON HOWINGTON	HOMESTEAD	FL
CLU- CARL LUPTON	SHELBYVILLE	IL
DJO- DORIS JOHNSON	LONGVIEW	TX
ESH- EDWIN SHOREY	DERBY	KS
ESP- ED SPARKS	ODESSA	TX
FGA- FERNANDO GARCIA	C.GUADALUPE	NL
FMC- FRED MCCORMACK	DES LACS	ND
FWE- FRANK WHEELER	ERIE	PA
GCO- GREG CONIGLIO	WILLIAMSVILLE	NY
GGL- GHISLAIN GIRARD	ARVIDA	PQ
GNE- GLEN NEAL	SAYRE	OK
GOL- GARY OLSON	DEERFIELD	IL
JBW- JERRY DON BURCH	HOT SPRINGS	AR
JCO- JOHN COMBS	ORLANDO	FL
JKA- JEFF KADET	MACOMB	IL
JPJ3 JIM PIZZI	PASO ROBLES	CA
MCH- MIKE CHERRY	SALT SPRING IS	SC
PDY- PAT DYER	SAN ANTONIO	TX
PRA- PHIL RADER	INDIANAPOLIS	IN
RBA- ROY BARSTOW	TEATICKET	MA
RCC- ROBERT COOPER	OKLAHOMA CITY	OK
RCC2 ROBERT COOPER	LAFAYETTE	CA
RCC3 ROBERT COOPER	FRESNO	CA
RCC4 ROBERT COOPER	ARCADIA	OK
RFR- ROBERT FRANTZ	FT LAUDERDALE	FL
RIT- RICHARD ITALIANO	BINGHAMPTON	NY
RKR1 ROBERT KRAMER	CARBONDALE	IL
RM12 RUSS MILLER	AMITY	ME
RNI- RICHARD & WM NIEMAN	BUFFALO	NY
RSE- ROBERT SEYBOLD	DUNKIRK	NY
RWA- R.J.WALKER	DAYTONA BEACH	FL
SRE1 SHELDON REMINGTON	KEAUWFERN FORES HI	
THI- THOMAS HIDLEY	CYRSTAL LAKE	IL
UNI- UNID ARO	THULE AFB	GREENL
WDR- WILLIAM DRAEB	KEWAUNEE	WI
WHI- WILLIAM HIDER	BINGHAMPTON	NY

THIS LISTING INCLUDES ALL LO-BAND 2 ES, ALL

HI- BAND ES, CH 70-83 RECORDS,

ALL TR >1000 MILES AND MS/AU RECORDS. FJN

STATISTICS

WTFDA GUIDELINES FOR COMPUTING TV-FM DISTANCE RECORDS AND SCOREBOARD TOTALS

- 1) A TV Station received on more than one channel (when it changes channel, but retains its identity) may be counted once for each channel, excluding change in offset on the same channel. Simultaneous reception of the same station on more than one channel is usually a receiver problem only, though you may present evidence to the contrary. An FM station may be counted again when it deliberately changes frequencies, or varies more than 100kHz from its normal frequency. DXers should be certain they are not counting receiver images or mixing products.
- 2) Stations operating successively on the same channel in a single city what are clearly unrelated (i.e., with different call letters and a hiatus in occupation of the channel, or non-renewal of the first station's license) are counted as separate stations.
- 3) A move in a station's transmitter location does not allow it to count as a new station unless the CITY OF LICENSE also changes. Thus, a station starting in a small city and later moving both transmitter and identity to a larger city, if received during both phases of operation, will count twice. Stations moving antenna from downtown to suburbs, for example, with no change in the city of license, count only once. The addition of a city to a station's identity (multiple city station identification) does not count as a new station.
- 4) A change in call letters per se is not sufficient reason to count that station as new, whether or not a change in ownership is involved in a continuously operation station. Power lever or changes in power alone shall have no bearing on these guidelines.
- 5) Sharetime stations (rare cases of two stations in the same coverage area sharing the same frequency at different times of the day) count as one if they share their transmitter; individually if they have separate transmitter sites.
- 6) DX received via cable TV may be counted if the station was received off the air on its original frequency at the CATV headend, from which distances must be measured. TOTAL INCLUDING CATV MUST BE SPECIFIED.
- 7) The precise location of the transmitting antenna shall be the determining factor in computing the DX path distance and tallying the number of political units received.
- 8) Verifications are not required; however, contributors must be reasonably certain that all stations claimed were received. Those total limited to verified only should be labeled as such.
- 9) DX obtained by recording only, and not witnessed at the actual time of the reception, is eligible -- so long as the contributor himself chose the frequency and prepared the recording apparatus. When more than one DXer is present at a DX reception, even as a visitor another DXer's shack, only those having an active part in the reception may claim the DX.
- 10) Translators and experimental stations, as well as unlicensed outlets such as pirates and clandestines, are eligible. Harmonics of TV video signals are eligible if the fall within another TV band, and those of FM stations are eligible if the harmonics fall within the FM band. But utility stations monitored on FM or TV, and CATV radiation, do not count.

Note: The above guidelines are to be used for reporting to VUD columns. Feel free to count your station totals any way you like in your own log, but please follow the above guidelines for WTFDA purposes. WTFDAers come from varied backgrounds and differ widely on how to count station totals; without the above, it would be like comparing "apples and oranges" when reading DX report columns. These are essentially the same guidelines in use since the WTFDA began, and comments on them are always welcome--but remember, unless reporters follow the same standard in counting stations, it's very hard to compare their results.)

NOTE: The FM/TV All-Time Distance Records were recalculated using DXer location grid coordinates (City coordinates if exact coordinates not given to me), and the City of License coordinates for all TV/FM Stations to simplify distance calculations. This is a variance to Rule #7 of the WTFDA guidelines for computing TV-FM Distance Records. It would be a very time-consuming task to keep track of all transmitter locations (especially when many transmitters are relocated over all the years that records are tracked. Note: I do have access to fcc databases on the internet for locating hard to find station coordinates. Please check your DX coordinates for any errors. If you have any suggestions on other statistics that you would like to appear in this column, let me know. Fred Nordquist.

WORLDWIDE TV-FM DX ASSOCIATION

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WNBQ WMAQ-TV 1948-1968

(This copy is excerpted from a WMAQ-TV 20th anniversary commemorative booklet. The full text and much more historical information regarding NBC operations in Chicago can be found on Rich Samuels' excellent website at <<http://www.mcs.net/~richsam/>>.)

20 Years at NBC Chicago..

The actual groundwork for NBC television in Chicago was laid on April 17, 1947, when the FCC issued a construction permit. In June of that year, the tentative call letters WNBQ were assigned. Shortly afterward, NBC leased space for TV transmitter facilities on the 42nd floor of the Kemper Building, about five blocks from the station's Merchandise Mart headquarters.

In March of 1948, the FCC permitted the first of the station's two name changes. The call letters were changed to WNBQ because of the phonetic similarity of WNBQ to WMBI, the Moody Bible Institute's radio station in Chicago.

The second name change came in August, 1964 when the present call letters, WMAQ-TV, were adopted to identify more closely with Channel 5's sister radio station.

By February, 1948, the fledgling WMAQ-TV had named Jules Herbuveaux, a pioneer broadcasting executive who had been associated with NBC Chicago in many capacities, to be the new station's manager.

The summer of 1948 was a busy one, with Herbuveaux commuting regularly to New York to help set up facilities, not only for WMAQ-TV, but for the 6-station NBC Midwest Television Network.

By September, WMAQ-TV had installed a coaxial cable link between its Merchandise Mart headquarters and the Illinois Bell Telephone Company. It was the first such intra-city cable to be installed by any Chicago television station.

At the Merchandise Mart, the engineers who were converting a radio studio into WMAQ-TV's first television studio were astounded to discover that their radio predecessors—nearly 15 years earlier—had the foresight to install heavy cable and outlets for TV lights, apparently under the assumption that the studio would one day be used for television.

The magic moment had arrived.

It was 6:15 PM on Wednesday, September 1, 1948...after working hours for most Chicagoans, who were looking forward to the coming Labor Day weekend.

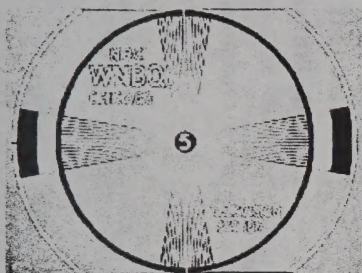
The radio-TV pages of Chicago newspapers that day totaled only 40 minutes for Chicago's two television stations, mostly interviews, baseball and wrestling.

Only the day before, Arthur Hays Sulzberger, president and publisher of the New York Times, had said to a publishers' meeting in Saranac Lake, N. Y., "Television and radio, as I see it, are primarily media of entertainment, and the newspaper, which gives information, is not threatened by them." So few Chicagoans who read the story in their newspapers that morning would have been impressed with what was happening on 42nd floor of the Kemper Building.

After all, it was only an engineer pushing a button.

It was really that simple: engineer Walter Lanterman pushed a button—and a soundless test pattern appeared for the first time on television Channel 5.

No blare of trumpets; no speeches. But I. B. (Chick) Showerman, Vice President of NBC's Central Division won a ten dollar bet from Sales Manager Paul McClure. WNBQ NBC's newest television station, and sister station to WMAQ radio, had made its target air date.



(the original WNBQ test pattern)

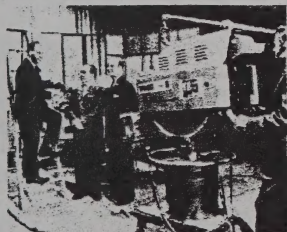
The signal went out to a total potential audience of less than 50,000 TV receivers.

Still, 30 persons reported seeing the test pattern as far away as Valparaiso, Indiana; 30 miles east of Chicago and Elgin, Illinois, a similar distance to the west.

It was a novelty, that first 15-minute test pattern. It was worth talking about. But nobody seeing it that day in Valparaiso or Elgin could realize that in just twenty years, that brief test pattern would grow into an industry giant.

Now, fast forward 8 years.

"C" Day in the Windy City..



(Above: On "C" Day, WMAQ-TV Station Manager Jules Herbuveaux (right) was host to Robert W. Sarnoff (left), then president of NBC, now president of RCA, and Chicago Mayor Richard J. Daley.)

Sunday, April 15, 1956, will always be remembered as "C-Day" at WMAQ-TV. It was described by Broadcasting-Telecasting magazine as "a daring breakthrough the black and white curtain."

At 4:15 PM, Robert W Sarnoff, then President of NBC, pushed a button and ushered in a new era in television. Channel 5 became the world's first all-color TV station as "Wide, Wide World" carried the event to 110 NBC-TV affiliated stations across the country.

The color conversion involved five months of extremely hard work. The project was under the general supervision of Chief Engineer Howard C. Luttgens, who put a special task force of 40 technicians through a "color college" involving around-the-clock special training. The classes ranged from short sessions of several days for cameramen to courses of several weeks for video and maintenance engineers.

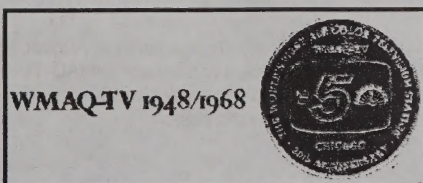
Other members of the staff were busy developing new color standards needed for sets, wardrobe and makeup. Weatherman Clint Youle pondered about how to "color the weather". On his weather map, movements of warm air would be traced with the traditionally "hot" colors—red and orange.

WMAQ-TV installed its first color equipment in late 1953. Its first major color transmission was the Rose Bowl parade of 1954. The first local color program was John Ott's "How Does Your Garden Grow?", introduced in March of 1955.

At the outset, audiences were given five to seven hours of color programming daily. This was later expanded to about 10 hours. Included were all local live programs, up to two hours of network shows and some film programs.

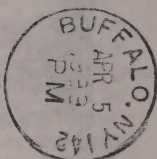
Channel 5's color conversion project cost NBC more than \$1,250,000. The Wall Street Journal estimated that Chicago had about 50,000 color receivers in operation at the time WMAQ-TV switched to all-color in April, 1956. At that time, the lowest price for a color TV set was \$595. By late 1968, there were nearly 865,000 color receivers in the Chicago market.

1948-1968...20 amazing years at Chicago's channel 5.





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